





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.0
North Reference	True	User	Doddanna
Scale	0.999964	Report Generated	8/8/2018 at 9:43:46 AM
Convergence at slot	0.49° East	Database/Source file	WellArchitectDB2/CHALK_37N-2C-XR_REV-B.0_PWP_CR.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-617.51	-572.93	3210740.84	1411386.81	40°27'36.677"N	104°44'33.529"W
Facility Reference Pt			3211308.44	1412009.18	40°27'42.779"N	104°44'26.117"W
Field Reference Pt			3171284.48	1426358.81	40°30'07.643"N	104°53'02.634"W

## WELLPATH DATUM

Calculation method	Minimum Curvature	PROPETRO 12 (4') (RKB) to Facility Vertical Datum	4701.00ft
Horizontal Reference Pt	Slot	PROPETRO 12 (4') (RKB) to Mean Sea Level	4701.00ft
Vertical Reference Pt	PROPETRO 12 (4') (RKB)	PROPETRO 12 (4') (RKB) to Mud Line at Slot (SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26))	4701.00ft
MD Reference Pt	PROPETRO 12 (4') (RKB)		
Field Vertical Reference	Mean Sea Level		

## POSITIONAL UNCERTAINTY CALCULATION SETTINGS

Ellipse Confidence Limit	3.00 Std Dev	Ellipse Start MD	4.00ft	Surface Position Uncertainty	included
Declination	8.28° East of TN	Dip Angle	66.86°	Mag Field Strength	52319 nT
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD		Horizontal	3.200ft	Vertical	3.000ft

Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

ANTI-COLLISION RULE			
Rule Name	Baker Hughes Stop Drilling (offset is HSE risk)	Rule Based On	Ratio
Plane of Rule	Closest Approach	Threshold Value	1.00
Include Casing & Hole Size	yes	Apply Cone of Safety	no

HOLE & CASING SECTIONS - Ref Wellbore: CHALK 37N-2C-XR PWB Ref Wellpath: CHALK 37N-2C-XR (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1746.09	0.00	0.00	-27.71	99.90
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1746.09	0.00	0.00	-27.71	99.90
8.5in Open Hole	1750.00	20078.04	18328.04	1746.09	7042.00	-27.71	99.90	-13412.62	262.26

SURVEY PROGRAM - Ref Wellbore: CHALK 37N-2C-XR PWB Ref Wellpath: CHALK 37N-2C-XR (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 37N-2C-XR PWB
1750.00	20078.04	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 37N-2C-XR PWB



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CALCULATION RANGE & CUTOFF		
From: 4.00ft MD	To: 20078.04ft MD	C-C Cutoff: 150.00 ft

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.02-T05N-R66W	SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR)	BESTWAY 12-2	BESTWAY 12-2 AWB	BESTWAY 12-2 AWP	16326.03	17.19	16326.03	16324.28	0.11	16324.28	FAIL
SEC.27-T06N-R66W	SLOT#24 TROUDT 40N-26C-L (1080'FNL & 1760'FWL, SEC.27)	TROUDT 40N-26C-L	TROUDT 40N-26C-L PWB	TROUDT 40N-26C-L PWP (REV-A.0)	6951.11	192.48	6951.11	7019.07	0.55	7019.07	FAIL
SEC.35-T06N-R66W	SLOT#01 EX. MOBIL PREMIX 1-35 (2011'FNL & 2043'FEL, PA / CODL / 7272'TD)	MOBIL PREMIX 1-35	MOBIL PREMIX 1-35 AWB	MOBIL PREMIX 1-35 AWP	11641.73	299.93	11641.73	11641.73	0.78	11641.73	FAIL
SEC.26-T06N-R66W	SLOT#30 CHALK 15C-2-XR (2330'FNL & 2191'FEL, SEC.26)	CHALK 15C-2-XR	CHALK 15C-2-XR PWB	CHALK 15C-2-XR (REV-B.0) PWP	4.00	19.79	20004.00	20078.04	0.87	20078.04	FAIL
SEC.02-T05N-R66W	SLOT#03 EX. LUNDVALL 5 (660'FNL & 660'FEL, PA / NB-CD / 7296'TD)	LUNDVALL 5	LUNDVALL 5 AWB	LUNDVALL 5 AWP	16288.77	394.33	16288.77	16296.22	0.90	16296.22	FAIL
SEC.26-T06N-R66W	SLOT#32 CHALK 37N-2A-XR (2330'FNL & 2151'FEL, SEC.26)	CHALK 37N-2A-XR	CHALK 37N-2A-XR PWB	CHALK 37N-2A-XR (REV-B.0) PWP	404.00	20.01	20053.01	20053.01	0.96	20053.01	FAIL
SEC.35-T06N-R66W	SLOT#05 EX. MOBILE PREMIX 1A-35 (2152'FNL & 2180'FEL, SI / NB-CD/7300'TD)	MOBILE PREMIX 1A-35	MOBILE PREMIX 1A-35 AWB	MOBILE PREMIX 1A-35 AWP	11722.53	443.25	11722.53	11722.53	1.15	11722.53	PASS
SEC.27-T06N-R66W	SLOT#23 TROUDT 40C-26-L (1060'FNL & 1760'FWL, SEC.27)	TROUDT 40C-26-L	TROUDT 40C-26-L PWB	TROUDT 40C-26-L PWP (REV-A.0)	6904.00	441.59	6904.00	7004.00	1.23	7004.00	PASS
SEC.27-T06N-R66W	SLOT#22 TROUDT 8N-26B-L (1040'FNL & 1760'FWL, SEC.27)	TROUDT 8N-26B-L	TROUDT 8N-26B-L PWB	TROUDT 8N-26B-L PWP (REV-A.0)	6739.94	488.43	6739.94	6823.68	1.26	6823.68	PASS
SEC.27-T06N-R66W	SLOT#21 TROUDT 8N-26A-L (1020'FNL & 1760'FWL, SEC.27)	TROUDT 8N-26A-L	TROUDT 8N-26A-L PWB	TROUDT 8N-26A-L PWP (REV-A.0)	6629.00	657.52	6629.00	6704.00	1.63	6704.00	PASS
SEC.26-T06N-R66W	SLOT#08 EX. JONES WALTER 1-26 (1980'FNL & 1980'FEL, PR/CODL)	EX. JONES WALTER 1-26	EX. JONES WALTER 1-26 AWB	EX. JONES WALTER 1-26 AWP	1633.22	382.09	1633.22	6456.41	1.64	6456.41	PASS
SEC.02-T05N-R66W	SLOT#01 EX. BESTWAY 6-11 (2433'FNL & 1179'FEL, PR / NBRR)	BESTWAY 6-11	BESTWAY 6-11 AWB	BESTWAY 6-11 AWP	18087.13	379.74	19977.84	20078.04	1.68	20078.04	PASS
SEC.35-T6N-R66W	Slot #3 MOBILE PREMIX I35-10	MOBILE PREMIX I35-10	Mobile Premix I35-10 AWB	Mobile Premix I35-10 AWP	12948.88	245.72	12948.88	12972.79	1.76	12972.79	PASS
SEC.35-T6N-R66W	Slot #2 MOBILE PREMIX I35-17	MOBILE PREMIX I35-17	Mobile Premix I35-17 AWB	Mobile Premix I35-17 AWP	10923.16	250.62	10923.16	10955.43	1.93	10955.43	PASS
SEC.26-T06N-R66W	SLOT#06 EX. WEBER 1-26 (2250'FSL & 930'FEL, PR/CODL)	EX. WEBER 1-26	WEBER 1-26 AWB	WEBER 1-26 AWP	7347.75	760.63	7347.75	7347.75	2.14	7347.75	PASS
SEC.26-T06N-R66W	SLOT#29 CHALK 15N-2B-XR (2330'FNL & 2211'FEL, SEC.26)	CHALK 15N-2B-XR	CHALK 15N-2B-XR PWB	CHALK 15N-2B-XR (REV-C.0) PWP	4.00	39.81	104.00	20078.04	2.20	20078.04	PASS
SEC.02-T05N-R66W	SLOT#08 EX. SRC BESTWAY B-2-11-14NCHZM (2285'FNL&1138'FEL,PR/NBRR)	SRC BESTWAY B-2-11-14NCHZM	SRC BESTWAY B-2-11-14NCHZM AWB	SRC BESTWAY B-2-11-14NCHZM AWP	20078.04	414.84	20078.04	20078.04	2.39	20078.04	PASS
SEC.26-T06N-R66W	SLOT#28 CHALK 36C-2-XR (2329'FNL & 2231'FEL, SEC.26)	CHALK 36C-2-XR	CHALK 36C-2-XR PWB	CHALK 36C-2-XR (REV-B.0) PWP	4.00	59.83	300.00	20078.04	2.51	20078.04	PASS
SEC.35-T6N-R66W	Slot #6 MOBILE PREMIX I35-23	MOBILE PREMIX I35-23	Mobile Premix I35-23 AWB	Mobile Premix I35-23 AWP	13561.39	422.89	13561.39	13549.58	2.73	13549.58	PASS
SEC.02-T05N-R66W	SLOT#07 EX. SRC BESTWAY B-2-11-14NBHZM (2275'FNL&1139'FEL,PR/NBRR)	SRC BESTWAY B-2-11-14NBHZM	SRC BESTWAY B-2-11-14NBHZM AWB	SRC BESTWAY B-2-11-14NBHZM AWP	20078.04	545.95	20078.04	20078.04	2.77	20078.04	PASS
SEC.26-T06N-R66W	SLOT#33 CHALK 20C-35-M (2330'FNL & 2131'FEL, SEC.26)	CHALK 20C-35-M	CHALK 20C-35-M PWB	CHALK 20C-35-M (REV-B.0) PWP	404.00	40.03	404.00	13604.00	3.12	13604.00	PASS
SEC.26-T06N-R66W	SLOT#27 CHALK 36N-2C-XR (2329'FNL & 2251'FEL, SEC.26)	CHALK 36N-2C-XR	CHALK 36N-2C-XR PWB	CHALK 36N-2C-XR (REV-B.0) PWP	4.00	79.85	104.00	20078.04	3.27	20078.04	PASS
SEC.35-T06N-R66W	SLOT#03 EX. BUNN I 35-14 (494'FSL & 2243'FWL, PR / CODL / 7300'TD)	BUNN I 35-14	BUNN I 35-14 AWB	BUNN I 35-14 AWP	14526.50	1430.29	14526.50	14560.52	3.44	14560.52	PASS
SEC.02-T05N-R66W	SLOT#05 EX. SRC BESTWAY 14-2-11-14CHZM (2255'FNL&1141'FEL,PR/CLCDFH)	SRC BESTWAY 14-2-11-14CHZM	SRC BESTWAY 14-2-11-14CHZM AWB	SRC BESTWAY 14-2-11-14CHZM AWP	20078.04	830.18	20078.04	20078.04	3.50	20078.04	PASS

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.02-T05N-R66W	SLOT#06 EX. SRC BESTWAY 14-2-11-14NAHZM (2265'FNL&1139'FEL,PR/NBRR)	SRC BESTWAY 14-2-11-14NAHZM	SRC BESTWAY 14-2-11-14NAHZM AWB	SRC BESTWAY 14-2-11-14NAHZM AWP	20078.04	769.92	20078.04	20078.04	3.57	20078.04	PASS



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Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CALCULATION RANGE & CUTOFF		
From: 4.00ft MD	To: 20078.04ft MD	C-C Cutoff: 150.00 ft

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.08-T05N-R66W	SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled	TC-COUNTRY CLUB WEST C1-9-11	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB	20078.04	2107.82	20078.04	20064.20	3.71	20064.20	PASS
SEC.26-T06N-R66W	SLOT#02 FEIT #26-10G6 (1977'FSL & 1989'FEL SEC.26,PR)	FEIT #26-10G6	FEIT #26-10G6 AWB	FEIT #26-10G6 AWP	7574.30	268.57	7574.30	7582.55	3.74	7582.55	PASS
SEC.26-T06N-R66W	SLOT#01 FEIT BROTHERS #1-26 (660'FSL & 2048'FEL SEC.26,PR)	FEIT BROTHERS #1-26	FEIT BROTHERS #1-26	FEIT BROTHERS #1-26	9042.60	304.22	9042.60	9018.16	3.84	9018.16	PASS
SEC.26-T06N-R66W	SLOT#34 CHALK 20N-35B-M (2331'FNL & 2111'FEL, SEC.26)	CHALK 20N-35B-M	CHALK 20N-35B-M PWB	CHALK 20N-35B-M (REV-B.0) PWP	404.00	60.04	404.00	13610.96	4.07	13610.96	PASS
SEC.35-T6N-R66W	SLOT#10 EX. FLATHEAD 1-35 (2010'FSL & 2040'FWL, SI / CODL / 7278'TD)	FLATHEAD 1-35	FLATHEAD 1-35 AWB	FLATHEAD 1-35 AWP	13066.50	1693.67	13066.50	13104.00	4.23	13104.00	PASS
SEC.34-T06N-R66W	SLOT# 10 BEEBE 36N-26B-M (422'FNL & 2275'FWL SEC.34)	BEEBE 36N-26B-M	BEEBE 36N-26B-M AWB	BEEBE 36N-26B-M AWP	9094.00	1023.13	9094.00	9980.21	4.33	9980.21	PASS
SEC.26-T06N-R66W	SLOT#09 EX. KISSLER AMEN 1-26 (1425'FNL & 660'FEL, PR/NB-CD)	EX. KISSLER AMEN 1-26	EX. KISSLER AMEN 1-26 AWB	EX. KISSLER AMEN 1-26 AWP	6479.10	1451.31	6479.10	6673.72	4.38	6673.72	PASS
SEC.35-T6N-R66W	SLOT#11 EX. MOBILE PREMIX 2-35 (679'FNL & 2046'FWL, PA / CODL / 7258'TD)	MOBILE PREMIX 2-35	MOBILE PREMIX 2-35 AWB	MOBILE PREMIX 2-35 AWP	10385.41	1681.57	10385.41	10432.03	4.49	10432.03	PASS
SEC.34-T06N-R66W	SLOT# 08 BEEBE 14N-26B-M (382'FNL & 2275'FWL SEC.34)	BEEBE 14N-26B-M	BEEBE 14N-26B-M AWB	BEEBE 14N-26B-M AWP	8619.00	1014.62	8619.00	7738.49	4.81	9504.00	PASS
SEC.34-T06N-R66W	SLOT# 12 BEEBE 36N-26C-M (462'FNL & 2247'FWL SEC.34)	BEEBE 36N-26C-M	BEEBE 36N-26C-M ST01 AWB	BEEBE 36N-26C-M ST01 AWP	9541.50	998.72	9541.50	10393.96	4.81	10393.96	PASS
SEC.34-T06N-R66W	SLOT# 11 BEEBE 36C-26-M (442'FNL & 2274'FWL SEC.34)	BEEBE 36C-26-M	BEEBE 36C-26-M AWB	BEEBE 36C-26-M AWP	9312.12	1021.87	9312.12	10204.00	4.81	10204.00	PASS
SEC.34-T06N-R66W	SLOT# 06 BEEBE 23N-26C-M (342'FNL & 2275'FWL SEC.34)	BEEBE 23N-26C-M	BEEBE 23N-26C-M AWB	BEEBE 23N-26C-M AWP	8210.25	1021.93	8210.25	7318.75	4.83	9104.00	PASS
SEC.34-T06N-R66W	SLOT# 07 BEEBE 23C-26-M (362'FNL & 2275'FWL SEC.34)	BEEBE 23C-26-M	BEEBE 23C-26-M AWB	BEEBE 23C-26-M AWP	8434.00	1041.00	8434.00	7528.29	4.95	9404.00	PASS
SEC.34-T06N-R66W	SLOT# 09 BEEBE 14C-26-M (402'FNL & 2275'FWL SEC.34)	BEEBE 14C-26-M	BEEBE 14C-26-M AWB	BEEBE 14C-26-M AWP	8879.00	1046.93	8879.00	7968.98	4.98	9804.00	PASS
SEC.34-T06N-R66W	SLOT# 05 BEEBE 11C-26-M (322'FNL & 2275'FWL SEC.34)	BEEBE 11C-26-M	BEEBE 11C-26-M AWB	BEEBE 11C-26-M AWP	7931.50	1047.52	7931.50	7091.31	5.03	8904.00	PASS
SEC.34-T06N-R66W	SLOT# 03 BEEBE 11N-26C-M (282'FNL & 2275'FWL SEC.34)	BEEBE 11N-26C-M	BEEBE 11N-26C-M AWB	BEEBE 11N-26C-M AWP	7560.56	1040.55	7560.56	6815.70	5.10	8504.00	PASS
SEC.26-T06N-R66W	SLOT#35 CHALK 9N-35C-M (2331'FNL & 2091'FEL, SEC.26)	CHALK 9N-35C-M	CHALK 9N-35C-M PWB	CHALK 9N-35C-M (REV-B.0) PWP	504.00	80.12	13404.00	13634.08	5.24	13634.08	PASS
SEC.34-T06N-R66W	SLOT# 02 BEEBE 25C-26-M (262'FNL & 2276'FWL SEC.34)	BEEBE 25C-26-M	BEEBE 25C-26-M AWB	BEEBE 25C-26-M AWP	7291.50	1044.83	7291.50	8259.12	5.24	8259.12	PASS
SEC.34-T06N-R66W	SLOT# 01 BEEBE 25N-26B-M (242'FNL & 2276'FWL SEC.34)	BEEBE 25N-26B-M	BEEBE 25N-26B-M AWB	BEEBE 25N-26B-M AWP	6984.00	1039.56	6984.00	8026.05	5.27	8026.05	PASS
SEC.35-T06N-R66W	SLOT#04 EX. BUNN I 35-25 (1130'FSL & 1510'FWL, PR/CODL/ 7300'TD)	BUNN I 35-25	BUNN I 35-25 AWB	BUNN I 35-25 AWP	13879.00	2185.64	13879.00	13966.13	5.34	13966.13	PASS
SEC.26-T06N-R66W	SLOT#07 EX. W JONES 26-2G6 (659'FNL & 1991'FEL, SI/CODL)	EX. W JONES 26-2G6	EX. W JONES 26-2G6 AWB	EX. W JONES 26-2G6 AWP	4.00	1704.93	300.00	6604.00	5.62	6604.00	PASS
SEC.36-T06N-R66W	SLOT#09 CS-BITTERSWEET C1-1-13 (341'FSL & 2063'FEL, SEC.36 -DG)	CS-BITTERSWEET C1-1-13	CS-BITTERSWEET C1-1-13 AWB (DG)	CS-BITTERSWEET C1-1-13 AWP	14942.64	1906.66	14942.64	20078.04	6.33	20078.04	PASS
SEC.08-T05N-R66W	SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled	TC-COUNTRY CLUB WEST C1-9-11	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWB	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWP	20078.04	2932.15	20078.04	19228.97	6.52	19228.97	PASS
SEC.26-T06N-R66W	SLOT#36 CHALK 9C-35-M (2331'FNL & 2071'FEL, SEC.26)	CHALK 9C-35-M	CHALK 9C-35-M PWB	CHALK 9C-35-M (REV-B.0) PWP	522.02	100.10	11504.00	13665.85	6.54	13665.85	PASS

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.25-T06N-R66W	SLOT#02 EX. KISSLER-AMEN ET AL 1-25 (772'FSL & 660'FWL, PR/CODL/7281'TD)	KISSLER-AMEN ET AL 1-25	KISSLER-AMEN ET AL 1-25 AWB	KISSLER-AMEN ET AL 1-25 AWP	8736.50	2383.51	8736.50	8859.99	6.58	8859.99	PASS





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CALCULATION RANGE & CUTOFF		
From: 4.00ft MD	To: 20078.04ft MD	C-C Cutoff: 150.00 ft

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.26-T06N-R66W	SLOT#05 RUSTY #1-26 (460'FSL & 2063'FWL SEC.26,PA)	RUSTY #1-26	RUSTY #1-26 AWB	RUSTY #1-26 AWP	9179.00	1581.01	9179.00	9236.81	6.71	9236.81	PASS
SEC.36-T06N-R66W	SLOT#04 CS-BITTERSWEET 3-1-13 (341'FSL & 2056'FEL, SEC.36 -DG)	CS-BITTERSWEET 3-1-13	CS-BITTERSWEET 3-1-13 AWB (DG)	CS-BITTERSWEET 3-1-13 AWP	15104.00	2067.24	15104.00	20078.04	6.85	20078.04	PASS
SEC.34-T06N-R66W	SLOT# 04 BEEBE 11N-26A-M (302'FNL & 2275'FWL SEC.34)	BEEBE 11N-26A-M	BEEBE 11N-26A-M AWB	BEEBE 11N-26A-M AWP	7750.41	1064.39	7750.41	6924.13	7.37	8604.00	PASS
SEC.35-T6N-R66W	Slot #9 MOBILE PREMIX I35-1	MOBILE PREMIX I35-1	Mobile Premix I35-1 AWB	Mobile Premix I35-1 AWP	10239.08	1042.03	10239.08	10318.21	7.52	10318.21	PASS
SEC.26-T06N-R66W	SLOT#37 CHALK 39N-35A-M (2331'FNL & 2051'FEL, SEC.26)	CHALK 39N-35A-M	CHALK 39N-35A-M PWB	CHALK 39N-35A-M (REV-B.0) PWP	522.02	120.07	13404.00	13689.95	7.74	13689.95	PASS
SEC.36-T06N-R66W	SLOT#07 CS-SCOTT 1-1-12 (341'FSL & 2048'FEL, SEC.36 -SI)	CS-SCOTT 1-1-12	CS-SCOTT 1-1-12 AWB (DG)	CS-SCOTT 1-1-12 AWP	15329.00	2415.15	15329.00	20078.04	8.00	20078.04	PASS
SEC.26-T06N-R66W	SLOT#38 CHALK 39N-35C-M (2331'FNL & 2031'FEL, SEC.26)	CHALK 39N-35C-M	CHALK 39N-35C-M PWB	CHALK 39N-35C-M (REV-B.0) PWP	526.25	140.03	7425.11	13738.86	9.05	13738.86	PASS
SEC.35-T6N-R66W	Slot #4 MOBILE PREMIX I35-8	MOBILE PREMIX I35-8	Mobile Premix I35-8 AWB	Mobile Premix I35-8 PWP	11463.88	1178.47	11463.88	11570.72	9.65	11570.72	PASS
SEC.36-T06N-R66W	SLOT#01 EX. FLATIRONS I #36-4(592'FNL & 636'FWL,SEC.36)VERT-PR-7290TD	FLATIRONS I #36-4	FLATIRONS I #36-4 AWB	FLATIRONS I #36-4 AWP	10204.00	2373.78	10204.00	10421.57	9.71	10421.57	PASS
SEC.02-T05N-R66W	SLOT#09 EX. WESTMOOR 5 #2-6-2 (2313'FNL&1240'FEL,SI/NB-CD/8338TD)	WESTMOOR 5 #2-6-2	WESTMOOR 5 #2-6-2 AWB	WESTMOOR 5 #2-6-2 AWP	19229.00	2305.83	19229.00	19714.79	9.72	19714.79	PASS
SEC.25-T06N-R66W	SLOT#03 EX. GERRY 22-25 (1980'FNL & 1980'FWL, SI /NB-CD / 7335'TD)	GERRY 22-25	GERRY 22-25 AWB	GERRY 22-25 AWP	6709.00	3722.32	6709.00	7204.00	10.64	7204.00	PASS
SEC.36-T06N-R66W	SLOT#08 CS-SHERWOOD 1-1-13 (340'FSL & 1968'FEL, SEC.36 -DG)	CS-SHERWOOD 1-1-13	CS-SHERWOOD 1-1-13 AWB (DG)	CS-SHERWOOD 1-1-13 AWP	14994.21	4084.21	14994.21	20078.04	13.28	20078.04	PASS
SEC.25-T06N-R66W	SLOT#01 EX. MONFORT 34-25 (660'FSL & 2040'FEL, PR / CODL / 7213'TD)	MONFORT 34-25	MONFORT 34-25 AWB	MONFORT 34-25 AWP	8882.59	4890.57	8882.59	9404.00	13.45	9404.00	PASS
SEC.26-T06N-R66W	SLOT#26 SEELEY FEDERAL 38N-30C-L (2272'FNL & 1602'FEL, SEC.26)	SEELEY FEDERAL 38N-30C-L	SEELEY FEDERAL 38N-30C-L PWB	SEELEY FEDERAL 38N-30C-L (REV-A.0) PWP	797.44	563.03	9304.00	9544.08	13.79	9544.08	PASS
SEC.26-T06N-R66W	SLOT#25 SEELEY FEDERAL 38C-30-L (2252'FNL & 1602'FEL, SEC.26)	SEELEY FEDERAL 38C-30-L	SEELEY FEDERAL 38C-30-L PWB	SEELEY FEDERAL 38C-30-L (REV-A.0) PWP	810.88	564.72	9104.00	9314.25	13.80	9314.25	PASS
SEC.36-T06N-R66W	SLOT#14 EX. HINER 36NC-18W (888'FNL & 905'FEL, PR/NBRR)	HINER 36NC-18W	HINER 36NC-18W AWB	HINER 36NC-18W AWP	10046.50	2155.20	10046.50	11651.35	13.87	11651.35	PASS
SEC.36-T06N-R66W	SLOT#11 EX. HINER 36C-22W (992'FNL & 902'FEL, PR / CODL)	HINER 36C-22W	HINER 36C-22W AWB	HINER 36C-22W AWP	11401.50	2265.38	11401.50	12991.02	14.28	12991.02	PASS
SEC.36-T06N-R66W	SLOT#02 HINER 36C-24W(1044'FNL & 901'FEL,SEC.36)	HINER 36C-24W	HINER 36-C-24W AWB	HINER 36C-24W AWP	12244.00	2335.39	12244.00	11472.10	14.36	11472.10	PASS
SEC.36-T06N-R66W	SLOT#13 EX. HINER 36NB-21W (966'FNL & 903'FEL, SI/NBRR)	HINER 36NB-21W	HINER 36NB-21W AWB	HINER 36NB-21W AWP	11066.50	2253.25	11066.50	12687.41	14.42	12687.41	PASS
SEC.36-T06N-R66W	SLOT#12 EX. HINER 36NB-19W (914'FNL & 904'FEL, SI / NBRR)	HINER 36NB-19W	HINER 36NB-19W AWB	HINER 36NB-19W AWP	10399.00	2239.35	10399.00	12051.71	14.56	12051.71	PASS
SEC.36-T06N-R66W	SLOT#10 EX. HINER 36C-20W (940'FNL & 904'FEL, PR/CODL)	HINER 36C-20W	HINER 36C-20W AWB	HINER 36C-20W AWP	10716.50	2262.00	10716.50	12363.57	14.57	12363.57	PASS
SEC.36-T06N-R66W	SLOT#01 HINER 36C-17W(862'FNL & 905'FEL,SEC.36)	HINER 36C-17W	HINER 36C-17W AWB	HINER 36C-17W AWP	9591.50	2227.66	9591.50	11282.92	14.79	11282.92	PASS
SEC.36-T06N-R66W	SLOT#03 HINER 36NB-23W(1018'FNL & 902'FEL,SEC.36)	HINER 36NB-23W	HINER 36NB-23W AWB	HINER 36NB-23W AWP	11741.50	2268.81	11741.50	13367.64	15.04	13367.64	PASS
SEC.26-T06N-R66W	SLOT#24 SEELEY FEDERAL 16N-30B-L (2232'FNL & 1601'FEL, SEC.26)	SEELEY FEDERAL 16N-30B-L	SEELEY FEDERAL 16N-30B-L PWB	SEELEY FEDERAL 16N-30B-L (REV-A.0) PWP	804.00	568.33	8904.00	9148.81	15.08	9148.81	PASS
SEC.36-T06N-R66W	SLOT#02 EX. FLATIRONS #1-36(660'FNL & 1980'FWL,SEC.36)VERT-PR-7244TD	FLATIRONS #1-36	FLATIRONS #1-36 AWB	FLATIRONS #1-36 AWP	10254.00	3718.96	10254.00	10765.30	15.11	10765.30	PASS





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CALCULATION RANGE & CUTOFF		
From: 4.00ft MD	To: 20078.04ft MD	C-C Cutoff: 150.00 ft

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.35-T06N-R66W	SLOT#06 EX. MOBILE PREMIX I 35-6 (2023'FNL & 692'FWL, SI / CODL / 7518'TD)	MOBILE PREMIX I 35-6	MOBILE PREMIX I 35-6 AWB	MOBILE PREMIX I 35-6 AWP	11599.00	1638.28	11599.00	11716.39	15.28	11716.39	PASS
SEC.26-T06N-R66W	SLOT#22 SEELEY FEDERAL 16C-30-L (2192'FNL & 1600'FEL, SEC.26)	SEELEY FEDERAL 16C-30-L	SEELEY FEDERAL 16C-30-L PWB	SEELEY FEDERAL 16C-30-L (REV-A.0) PWP	804.00	577.64	8404.00	8663.74	15.72	8663.74	PASS
SEC.26-T06N-R66W	SLOT#23 SEELEY FEDERAL 16N-30C-L (2212'FNL & 1601'FEL, SEC.26)	SEELEY FEDERAL 16N-30C-L	SEELEY FEDERAL 16N-30C-L PWB	SEELEY FEDERAL 16N-30C-L (REV-A.0) PWP	790.99	573.32	8704.00	8966.31	15.78	8966.31	PASS
SEC.02-T05N-R66W	SLOT#04 EX. POUDRE TRAILS 5 #2-2-1 (2418'FNL&1189'FEL,PA/NB-CD/7356'TD)	POUDRE TRAILS 5 #2-2-1	POUDRE TRAILS 5 #2-2-1 AWB	POUDRE TRAILS 5 #2-2-1 AWP	16479.00	2667.38	16479.00	16824.31	16.39	16824.31	PASS
SEC.36-T06N-R66W	SLOT#05 KINKADE 1-1-13 (339'FSL & 1920'FEL, SEC.36 -DG)	KINKADE 1-1-13	KINKADE 1-1-13 AWB (DG)	KINKADE 1-1-13 AWP	14970.40	5085.56	14970.40	20078.04	16.40	20078.04	PASS
SEC.35-T06N-R66W	SLOT#01 EX. GREELEY SAND & GRAVEL 1 (1980'FNL & 1980'FEL, DA / SUSX / 4500'TD)	GREELEY SAND & GRAVEL 1	GREELEY SAND & GRAVEL 1 AWB	GREELEY SAND & GRAVEL 1 AWP	11612.91	2519.11	11612.91	13581.61	16.43	13581.61	PASS
SEC.26-T06N-R66W	SLOT#20 SEELEY FEDERAL 39C-30-L (2152'FNL & 1599'FEL, SEC.26)	SEELEY FEDERAL 39C-30-L	SEELEY FEDERAL 39C-30-L PWB	SEELEY FEDERAL 39C-30-L (REV-A.0) PWP	752.95	590.81	8004.00	8293.14	17.16	8293.14	PASS
SEC.26-T06N-R66W	SLOT#21 SEELEY FEDERAL 39N-30B-L (2172'FNL & 1600'FEL, SEC.26)	SEELEY FEDERAL 39N-30B-L	SEELEY FEDERAL 39N-30B-L PWB	SEELEY FEDERAL 39N-30B-L (REV-A.0) PWP	778.49	584.03	8204.00	8540.16	17.24	8540.16	PASS
SEC.25-T06N-R66W	SLOT#04 EX. GERRY 25J-203 (207'FNL & 1883'FWL, PLAN/DRLG)	GERRY 25J-203	GERRY 25J-203 PWB	GERRY 25J-203 PWP	7254.00	3104.51	7254.00	9272.91	17.41	9272.91	PASS
SEC.25-T06N-R66W	SLOT#05 EX. GERRY 25J-423 (206'FNL & 1913'FWL, PLAN/DRLG)	GERRY 25J-423	GERRY 25J-423 PWB	GERRY 25J-423 PWP	7329.00	3433.22	7329.00	9390.17	19.18	9390.17	PASS
SEC.26-T06N-R66W	SLOT#19 SEELEY FEDERAL 39N-30A-L (2132'FNL & 1599'FEL, SEC.26)	SEELEY FEDERAL 39N-30A-L	SEELEY FEDERAL 39N-30A-L PWB	SEELEY FEDERAL 39N-30A-L (REV-A.0) PWP	716.50	599.00	7804.00	8149.95	19.54	8149.95	PASS
SEC.26-T06N-R66W	SLOT#18 SEELEY FEDERAL 9N-30C-L (2112'FNL & 1598'FEL, SEC.26)	SEELEY FEDERAL 9N-30C-L	SEELEY FEDERAL 9N-30C-L PWB	SEELEY FEDERAL 9N-30C-L (REV-A.0) PWP	748.38	602.38	7604.00	7917.38	19.91	7917.38	PASS
SEC.26-T06N-R66W	SLOT#16 SEELEY FEDERAL 9C-30-L (2073'FNL & 1597'FEL, SEC.26)	SEELEY FEDERAL 9C-30-L	SEELEY FEDERAL 9C-30-L PWB	SEELEY FEDERAL 9C-30-L (REV-A.0) PWP	4.00	625.41	7104.00	7418.27	19.97	7418.27	PASS
SEC.26-T06N-R66W	SLOT#17 SEELEY FEDERAL 9N-30B-L (2093'FNL & 1598'FEL, SEC.26)	SEELEY FEDERAL 9N-30B-L	SEELEY FEDERAL 9N-30B-L PWB	SEELEY FEDERAL 9N-30B-L (REV-A.0) PWP	729.00	610.75	7404.00	7678.64	20.36	7678.64	PASS
SEC.25-T06N-R66W	SLOT#07 EX. GERRY 25M-343 (206'FNL & 1943'FWL, PLAN/DRLG)	GERRY 25M-343	GERRY 25M-343 PWB	GERRY 25M-343 PWP	7304.00	3763.35	7304.00	9523.96	20.91	9523.96	PASS
SEC.26-T06N-R66W	SLOT#15 SEELEY FEDERAL 40N-30C-L (2053'FNL & 1597'FEL, SEC.26)	SEELEY FEDERAL 40N-30C-L	SEELEY FEDERAL 40N-30C-L PWB	SEELEY FEDERAL 40N-30C-L (REV-A.0) PWP	4.00	634.13	104.00	7047.17	21.11	7047.17	PASS
SEC.26-T06N-R66W	SLOT#13 SEELEY FEDERAL 40C-30-L (1953'FNL & 1594'FEL, SEC.26)	SEELEY FEDERAL 40C-30-L	SEELEY FEDERAL 40C-30-L PWB	SEELEY FEDERAL 40C-30-L (REV-A.0) PWP	563.01	683.46	563.01	6873.77	21.29	6873.77	PASS
SEC.26-T06N-R66W	SLOT#14 SEELEY FEDERAL 40N-30B-L (1973'FNL & 1595'FEL, SEC.26)	SEELEY FEDERAL 40N-30B-L	SEELEY FEDERAL 40N-30B-L PWB	SEELEY FEDERAL 40N-30B-L (REV-A.0) PWP	4.00	673.54	104.00	6733.51	21.60	6733.51	PASS
SEC.36-T06N-R66W	SLOT#06 CS-LONGMEADOW 1-1-13 (338'FSL & 1840'FEL, SEC.36 -DG)	CS-LONGMEADOW 1-1-13	CS-LONGMEADOW 1-1-13 AWB (DG)	CS-LONGMEADOW 1-1-13 AWP	14955.52	6748.71	14958.62	20078.04	21.72	20078.04	PASS
SEC.25-T06N-R66W	SLOT#01 EX. PETERSON 1 (UNK / AB / 4811'TD)	PETERSON 1	PETERSON 1 AWB	PETERSON 1 AWP	8931.50	5417.29	8931.50	10062.55	21.77	10062.55	PASS
SEC.26-T06N-R66W	SLOT#12 SEELEY FEDERAL 8N-30C-L (1933'FNL & 1594'FEL, SEC.26)	SEELEY FEDERAL 8N-30C-L	SEELEY FEDERAL 8N-30C-L PWB	SEELEY FEDERAL 8N-30C-L (REV-A.0) PWP	4.00	695.68	104.00	6768.69	22.58	6768.69	PASS
SEC.25-T06N-R66W	SLOT#09 EX. GERRY 25M-443 (206'FNL & 1973'FWL, PLAN/DRLG)	GERRY 25M-443	GERRY 25M-443 PWB	GERRY 25M-443 PWP	7329.00	4092.41	7329.00	9673.63	22.58	9673.63	PASS
SEC.26-T06N-R66W	SLOT#11 SEELEY FEDERAL 8C-30-L (1913'FNL & 1594'FEL, SEC.26)	SEELEY FEDERAL 8C-30-L	SEELEY FEDERAL 8C-30-L PWB	SEELEY FEDERAL 8C-30-L (REV-A.0) PWP	4.00	707.57	104.00	6714.92	24.13	6714.92	PASS
SEC.25-T06N-R66W	SLOT#06 EX. GERRY 25M-223 (293'FNL & 2386'FEL, PLAN/DRLG)	GERRY 25M-223	GERRY 25M-223 PWB	GERRY 25M-223 PWP	7279.00	4470.35	7279.00	9639.82	24.95	9639.82	PASS

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.26-T06N-R66W	SLOT#03 BUXMAN I #26-6 (2100'FNL & 1970'FWL SEC.26, PR)	BUXMAN I #26-6	BUXMAN I #26-6 AWB	BUXMAN I #26-6 AWP	104.00	1247.15	104.00	346.00	25.30	6604.00	PASS



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CALCULATION RANGE & CUTOFF		
From: 4.00ft MD	To: 20078.04ft MD	C-C Cutoff: 150.00 ft

OFFSET WELL CLEARANCE SUMMARY (122 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane											
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.26-T06N-R66W	SLOT#10 SEELEY FEDERAL 8N-30B-L (1893'FNL & 1593'FEL, SEC.26)	SEELEY FEDERAL 8N-30B-L	SEELEY FEDERAL 8N-30B-L PWB	SEELEY FEDERAL 8N-30B-L (REV-A.0) PWP	4.00	719.57	300.00	6704.00	25.87	6704.00	PASS
SEC.25-T06N-R66W	SLOT#08 EX. GERRY 25M-423 (263'FNL & 2386'FEL, PLAN/DRLG)	GERRY 25M-423	GERRY 25M-423 PWB	GERRY 25M-423 PWP	7329.00	4749.12	7329.00	9784.00	26.29	9784.00	PASS
SEC.26-T06N-R66W	SLOT#09 SEELEY FEDERAL 41N-30C-L (1873'FNL & 1593'FEL, SEC.26)	SEELEY FEDERAL 41N-30C-L	SEELEY FEDERAL 41N-30C-L PWB	SEELEY FEDERAL 41N-30C-L (REV-A.0) PWP	4.00	732.11	104.00	6704.00	27.79	8504.00	PASS
SEC.25-T06N-R66W	SLOT#10 EX. GERRY 25R-343 (233'FNL & 2387'FEL, PLAN/DRLG)	GERRY 25R-343	GERRY 25R-343 PWB	GERRY 25R-343 PWP	7304.00	5129.77	7304.00	10023.11	28.01	10023.11	PASS
SEC.25-T06N-R66W	SLOT#11 EX. GERRY 25R-403 (203'FNL & 2387'FEL, PLAN/DRLG)	GERRY 25R-403	GERRY 25R-403 PWB	GERRY 25R-403 PWP	880.82	5448.01	7304.00	10243.81	29.43	10243.81	PASS
SEC.26-T06N-R66W	SLOT#08 SEELEY FEDERAL 41C-30-L (1853'FNL & 1593'FEL, SEC.26)	SEELEY FEDERAL 41C-30-L	SEELEY FEDERAL 41C-30-L PWB	SEELEY FEDERAL 41C-30-L (REV-A.0) PWP	4.00	745.03	300.00	6704.00	29.70	6704.00	PASS
SEC.25-T06N-R66W	SLOT#01 EX. TODD 13-25 (1980'FSL & 660'FWL, PR/NB-CD)	EX. TODD 13-25	EX. TODD 13-25 AWB	EX. TODD 13-25 AWP	7760.37	2312.67	7760.37	8216.97	31.57	8216.97	PASS
SEC.26-T06N-R66W	SLOT#07 SEELEY FEDERAL 1N-30B-L (1833'FNL & 1592'FEL, SEC.26)	SEELEY FEDERAL 1N-30B-L	SEELEY FEDERAL 1N-30B-L PWB	SEELEY FEDERAL 1N-30B-L (REV-A.0) PWP	4.00	758.03	104.00	6704.00	32.78	6704.00	PASS
SEC.25-T06N-R66W	SLOT#01 EX. KISSLER AMEN 1-25 (1980'FNL & 660'FWL, PR/CODL)	EX.KISSLER AMEN 1-25	EX. KISSLER AMEN 1-25 AWB	EX. KISSLER AMEN 1-25 AWP	6591.50	2378.06	6591.50	6928.62	33.95	8504.00	PASS
SEC.26-T06N-R66W	SLOT#06 SEELEY FEDERAL 1N-30A-L (1813'FNL & 1591'FEL, SEC.26)	SEELEY FEDERAL 1N-30A-L	SEELEY FEDERAL 1N-30A-L PWB	SEELEY FEDERAL 1N-30A-L (REV-A.0) PWP	4.00	771.50	104.00	6704.00	35.81	6704.00	PASS
SEC.26-T06N-R66W	SLOT#05 SEELEY FEDERAL 1N-30C-L (1793'FNL & 1591'FEL, SEC.26)	SEELEY FEDERAL 1N-30C-L	SEELEY FEDERAL 1N-30C-L PWB	SEELEY FEDERAL 1N-30C-L (REV-A.0) PWP	4.00	785.31	104.00	6552.78	37.72	6704.00	PASS
SEC.26-T06N-R66W	SLOT#04 SEELEY FEDERAL 26C-30-L (1773'FNL & 1590'FEL, SEC.26)	SEELEY FEDERAL 26C-30-L	SEELEY FEDERAL 26C-30-L PWB	SEELEY FEDERAL 26C-30-L (REV-A.0) PWP	4.00	799.16	104.00	6552.89	39.80	6704.00	PASS
SEC.35-T6N-R66W	Slot #10 Mobile Premix 4-35	Mobile Premix 4-35	Mobile Premix 4-35 AWB	Mobile Premix 4-35 AWP	12341.50	3657.50	12341.50	13576.75	40.15	13576.75	PASS
SEC.26-T06N-R66W	SLOT#03 SEELEY FEDERAL 26N-30B-L (1753'FNL & 1590'FEL, SEC.26)	SEELEY FEDERAL 26N-30B-L	SEELEY FEDERAL 26N-30B-L PWB	SEELEY FEDERAL 26N-30B-L (REV-A.0) PWP	4.00	813.28	104.00	6553.04	43.07	6704.00	PASS
SEC.26-T06N-R66W	SLOT#02 SEELEY FEDERAL 38N-19C-L (1733'FNL & 1589'FEL, SEC.26)	SEELEY FEDERAL 38N-19C-L	SEELEY FEDERAL 38N-19C-L PWB	SEELEY FEDERAL 38N-19C-L (REV-A.0) PWP	4.00	827.62	104.00	6553.12	45.23	6704.00	PASS
SEC.26-T06N-R66W	SLOT#01 SEELEY FEDERAL 38C-19-L (1713'FNL & 1589'FEL, SEC.26)	SEELEY FEDERAL 38C-19-L	SEELEY FEDERAL 38C-19-L PWB	SEELEY FEDERAL 38C-19-L (REV-A.0) PWP	4.00	842.36	104.00	6553.19	47.11	6704.00	PASS
SEC.25-T06N-R66W	SLOT#13 EX. TODD 1 (1970'FSL & 1950'FWL, SI / NB-CD / 7325'TD)	TODD 1	TODD 1 AWB	TODD 1 AWP	7529.00	3608.83	7529.00	8672.42	49.29	8672.42	PASS
SEC.25-T06N-R66W	SLOT#02 EX. GERRY 1 (720'FNL & 1920'FWL, SI/CODL/7266'TD)	GERRY 1	GERRY 1 AWB	GERRY 1 AWP	6504.00	4136.79	6504.00	6969.57	58.59	6969.57	PASS
SEC.25-T06N-R66W	SLOT#12 EX. RICHARD 1 (1842'FNL & 2037'FEL, SI / CODL / 7327'TD)	RICHARD 1	RICHARD 1 AWB	RICHARD 1 AWP	6629.00	4998.80	6629.00	7404.00	67.68	7404.00	PASS
SEC.34-T06N-R66W	SLOT# 12 BEEBE 36N-26C-M (462'FNL & 2247'FWL SEC.34)	BEEBE 36N-26C-M	BEEBE 36N-26C-M PILOT AWB	BEEBE 36N-26C-M PILOT AWP	4.00	7132.43	9804.00	14204.00	81.91	14204.00	PASS
SEC.08-T05N-R66W	SLOT#03 TC-MOISER HILL 3-9-11 (2462'FNL&1195'FEL,SEC.8)	TC-MOISER HILL 3-9-11	TC-MOISER HILL 3-9-11 AWB	TC-MOISER HILL 3-9-11 AWP	20078.04	16960.72	20078.04	20078.04	91.54	20078.04	PASS
SEC.08-T05N-R66W	SLOT#01 TC-MOISER HILL 2-9-11 (2430'FNL&1195'FEL,SEC.8)	TC-MOISER HILL 2-9-11	TC-MOISER HILL 2-9-11 AWB	TC-MOISER HILL 2-9-11 AWP	20078.04	17100.22	20078.04	20078.04	93.05	20078.04	PASS



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP

Facility: SEC.02-T05N-R66W Slot: SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR) Well: BESTWAY 12-2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	16.43	3.43	-10531.61	937.33	174.91	10573.24	50.17	214.87	PASS
104.00†	104.00	0.00	0.00	1518.75	1484.76	-10411.78	1129.25	173.81	10563.47	51.63	208.45	PASS
204.00†	204.00	0.00	0.00	1571.91	1536.32	-10403.93	1139.58	173.75	10550.62	51.82	207.42	PASS
300.00	300.00	0.00	0.00	1614.34	1577.48	-10397.84	1147.87	173.70	10538.72	52.00	206.47	PASS
304.00†	304.00	0.00	0.00	1615.59	1578.69	-10397.66	1148.12	68.21	10538.23	52.01	206.44	PASS
404.00†	403.98	-0.50	1.82	1646.92	1609.06	-10393.33	1154.49	68.41	10525.77	52.18	205.51	PASS
504.00†	503.83	-1.94	7.00	1678.35	1639.49	-10389.16	1161.16	68.62	10512.67	52.36	204.51	PASS
522.02	521.80	-2.30	8.29	1684.02	1644.97	-10388.43	1162.40	68.66	10510.24	52.40	204.33	PASS
604.00†	603.53	-3.99	14.40	2389.42	2318.21	-10272.57	1336.84	67.90	10494.41	55.10	193.82	PASS
704.00†	703.23	-6.06	21.86	2423.06	2350.37	-10266.32	1344.46	67.87	10475.46	55.38	192.48	PASS
804.00†	802.93	-8.13	29.32	2488.31	2412.82	-10254.56	1359.28	67.81	10457.04	55.81	190.63	PASS
904.00†	902.63	-10.20	36.78	2554.55	2476.18	-10242.66	1374.52	67.74	10438.81	56.27	188.73	PASS
1004.00†	1002.33	-12.27	44.25	2596.90	2516.68	-10235.25	1384.44	67.70	10421.07	56.64	187.17	PASS
1104.00†	1102.03	-14.34	51.71	2884.53	2789.05	-10182.01	1459.85	67.35	10402.42	58.31	181.38	PASS
1204.00†	1201.73	-16.41	59.17	2934.19	2836.27	-10172.59	1471.99	67.30	10383.44	58.77	179.60	PASS
1304.00†	1301.43	-18.48	66.63	2978.98	2878.98	-10164.34	1482.69	67.25	10364.96	59.22	177.90	PASS
1404.00†	1401.13	-20.55	74.09	3125.95	3018.61	-10136.81	1519.32	67.08	10346.20	60.25	174.50	PASS
1504.00†	1500.83	-22.62	81.55	3160.10	3051.10	-10130.52	1527.73	67.04	10327.85	60.68	172.94	PASS
1604.00†	1600.53	-24.69	89.01	3200.18	3089.40	-10123.43	1537.17	67.00	10310.12	61.14	171.31	PASS
1704.00†	1700.23	-26.75	96.47	3611.02	3479.73	-10046.22	1639.19	66.53	10292.53	63.83	163.71	PASS
1804.00†	1799.93	-28.82	103.93	4089.71	3922.27	-9936.57	1784.05	65.80	10270.86	67.23	154.40	PASS
1904.00†	1899.63	-30.89	111.39	4132.15	3961.05	-9926.05	1797.73	65.73	10247.31	67.67	153.02	PASS
2004.00†	1999.33	-32.96	118.85	4178.04	4003.17	-9914.93	1812.17	65.65	10224.28	68.14	151.60	PASS
2104.00†	2099.03	-35.03	126.31	4225.43	4046.89	-9903.70	1826.57	65.58	10201.75	68.64	150.18	PASS
2204.00†	2198.73	-37.10	133.77	4498.97	4296.83	-9836.37	1914.90	65.11	10178.42	71.03	144.74	PASS
2304.00†	2298.43	-39.17	141.23	4606.69	4394.37	-9808.74	1951.34	64.92	10154.51	72.12	142.18	PASS
2404.00†	2398.13	-41.24	148.70	4661.88	4444.34	-9794.65	1970.08	64.82	10130.82	72.77	140.57	PASS
2504.00†	2497.83	-43.31	156.16	4707.73	4485.96	-9783.13	1985.46	64.74	10107.58	73.35	139.13	PASS
2604.00†	2597.53	-45.38	163.62	4731.36	4507.51	-9777.35	1993.23	64.69	10084.98	73.73	138.09	PASS
2704.00†	2697.23	-47.45	171.08	4755.20	4529.38	-9771.71	2000.88	64.65	10063.11	74.13	137.06	PASS

C-C Clearance Distance Cutoff: 150.00 ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP

Facility: SEC.02-T05N-R66W Slot: SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR) Well: BESTWAY 12-2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2804.00†	2796.93	-49.51	178.54	4779.26	4551.55	-9766.20	2008.42	64.61	10041.97	74.53	136.03	PASS
2904.00†	2896.63	-51.58	186.00	4812.16	4582.03	-9758.93	2018.47	64.56	10021.53	75.00	134.88	PASS
3004.00†	2996.33	-53.65	193.46	4856.56	4623.24	-9749.35	2031.91	64.49	10001.67	75.58	133.57	PASS
3104.00†	3096.03	-55.72	200.92	4895.74	4659.69	-9741.10	2043.70	64.43	9982.35	76.12	132.36	PASS
3204.00†	3195.73	-57.79	208.38	4924.65	4686.69	-9735.22	2052.19	64.39	9963.69	76.57	131.33	PASS
3304.00†	3295.43	-59.86	215.84	4953.79	4714.03	-9729.52	2060.50	64.34	9945.73	77.03	130.30	PASS
3404.00†	3395.13	-61.93	223.30	4990.04	4748.20	-9722.74	2070.51	64.29	9928.46	77.55	129.19	PASS
3504.00†	3494.83	-64.00	230.76	5069.03	4823.19	-9708.43	2090.79	64.19	9911.58	78.39	127.58	PASS
3604.00†	3594.53	-66.07	238.22	5177.21	4926.75	-9689.30	2115.48	64.07	9894.72	79.40	125.73	PASS
3704.00†	3694.23	-68.14	245.69	5237.33	4984.63	-9678.96	2128.03	64.01	9878.07	80.06	124.48	PASS
3804.00†	3793.93	-70.21	253.15	5271.90	5018.02	-9673.20	2134.91	63.98	9861.89	80.54	123.53	PASS
3904.00†	3893.63	-72.27	260.61	5294.13	5039.58	-9669.72	2139.08	63.96	9846.46	80.93	122.73	PASS
4004.00†	3993.33	-74.34	268.07	5316.49	5061.34	-9666.44	2143.03	63.94	9831.80	81.34	121.93	PASS
4104.00†	4093.03	-76.41	275.53	5338.97	5083.29	-9663.35	2146.76	63.93	9817.92	81.74	121.15	PASS
4204.00†	4192.73	-78.48	282.99	5372.02	5115.68	-9659.16	2151.84	63.91	9804.78	82.20	120.31	PASS
4304.00†	4292.43	-80.55	290.45	5415.26	5158.18	-9654.01	2157.88	63.88	9792.24	82.71	119.41	PASS
4404.00†	4392.13	-82.62	297.91	5455.91	5198.26	-9649.51	2162.95	63.87	9780.26	83.20	118.55	PASS
4504.00†	4491.83	-84.69	305.37	5491.27	5233.19	-9645.89	2167.02	63.85	9768.93	83.66	117.76	PASS
4604.00†	4591.52	-86.76	312.83	5526.71	5268.28	-9642.55	2170.82	63.84	9758.24	84.12	116.98	PASS
4704.00†	4691.22	-88.83	320.29	5590.21	5331.27	-9637.11	2176.67	63.83	9748.10	84.70	116.06	PASS
4804.00†	4790.92	-90.90	327.75	5650.64	5391.37	-9632.38	2180.71	63.82	9738.27	85.24	115.19	PASS
4904.00†	4890.62	-92.97	335.21	5693.70	5434.28	-9629.39	2182.85	63.83	9728.96	85.70	114.46	PASS
5004.00†	4990.32	-95.03	342.67	5737.76	5478.23	-9626.71	2184.46	63.83	9720.23	86.17	113.74	PASS
5104.00†	5090.02	-97.10	350.14	5784.13	5524.51	-9624.18	2185.94	63.84	9712.06	86.63	113.03	PASS
5204.00†	5189.72	-99.17	357.60	5828.36	5568.66	-9622.03	2187.27	63.85	9704.44	87.09	112.33	PASS
5304.00†	5289.42	-101.24	365.06	5867.31	5607.57	-9620.40	2188.37	63.86	9697.42	87.53	111.68	PASS
5404.00†	5389.12	-103.31	372.52	8438.95	7061.44	-9638.35	775.56	72.87	9688.97	104.58	93.27	PASS
5504.00†	5488.82	-105.38	379.98	8435.98	7061.45	-9638.23	778.53	72.86	9669.91	104.92	92.79	PASS
5604.00†	5588.52	-107.45	387.44	8433.02	7061.45	-9638.10	781.49	72.84	9651.85	105.25	92.32	PASS
5704.00†	5688.22	-109.52	394.90	8430.07	7061.45	-9637.98	784.44	72.82	9634.79	105.58	91.86	PASS

C-C Clearance Distance Cutoff: 150.00 ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP

Facility: SEC.02-T05N-R66W Slot: SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR) Well: BESTWAY 12-2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5804.00†	5787.92	-111.59	402.36	8427.14	7061.45	-9637.86	787.37	72.80	9618.73	105.91	91.42	PASS
5904.00†	5887.62	-113.66	409.82	8424.21	7061.46	-9637.74	790.29	72.78	9603.69	106.24	91.00	PASS
6004.00†	5987.32	-115.73	417.28	8421.30	7061.46	-9637.63	793.20	72.77	9589.67	106.56	90.59	PASS
6104.00†	6087.02	-117.80	424.74	8418.40	7061.46	-9637.51	796.10	72.75	9576.66	106.88	90.20	PASS
6204.00†	6186.72	-119.86	432.20	8415.51	7061.46	-9637.40	798.99	72.73	9564.69	107.19	89.82	PASS
6304.00†	6286.42	-121.93	439.66	8413.17	7061.46	-9637.31	801.33	72.72	9553.74	107.51	89.44	PASS
6404.00†	6386.12	-124.00	447.13	8410.92	7061.46	-9637.23	803.58	72.70	9543.82	107.83	89.08	PASS
6437.60	6419.62	-124.70	449.63	8410.16	7061.46	-9637.20	804.34	72.70	9540.73	107.94	88.97	PASS
6504.00†	6485.63	-129.53	454.52	8408.70	7061.46	-9637.14	805.80	28.58	9531.51	108.20	88.67	PASS
6604.00†	6583.22	-149.72	461.56	8406.72	7061.47	-9637.07	807.78	12.32	9505.71	108.95	87.81	PASS
6704.00†	6676.46	-184.96	468.06	8405.04	7061.47	-9637.01	809.45	6.99	9466.04	109.98	86.62	PASS
6804.00†	6763.08	-234.39	473.86	8403.73	7061.47	-9636.96	810.77	4.26	9413.33	110.86	85.45	PASS
6904.00†	6840.93	-296.79	478.82	8402.80	7061.48	-9636.93	811.69	2.41	9348.67	111.59	84.30	PASS
7004.00†	6908.10	-370.63	482.81	8402.31	7061.48	-9636.91	812.18	0.80	9273.40	112.17	83.19	PASS
7104.00†	6962.94	-454.08	485.73	8402.28	7061.48	-9636.91	812.22	-1.04	9189.16	112.60	82.12	PASS
7204.00†	7004.09	-545.09	487.52	8402.71	7061.48	-9636.93	811.78	-3.93	9097.80	112.89	81.09	PASS
7304.00†	7030.55	-641.42	488.12	8403.62	7061.47	-9636.96	810.87	-10.94	9001.38	113.06	80.11	PASS
7404.00†	7041.65	-740.69	487.53	8404.99	7061.47	-9637.01	809.50	-57.32	8902.16	113.15	79.16	PASS
7425.11	7042.00	-761.80	487.26	8405.33	7061.47	-9637.02	809.16	-92.48	8881.08	113.16	78.97	PASS
7504.00†	7042.00	-840.68	486.13	8406.67	7061.47	-9637.07	807.82	-92.49	8802.29	113.20	78.24	PASS
7604.00†	7042.00	-940.67	484.69	8408.39	7061.46	-9637.13	806.11	-92.50	8702.42	113.25	77.32	PASS
7704.00†	7042.00	-1040.66	483.26	8410.13	7061.46	-9637.20	804.37	-92.51	8602.56	113.31	76.39	PASS
7804.00†	7042.00	-1140.65	481.83	8411.90	7061.46	-9637.26	802.60	-92.52	8502.69	113.36	75.47	PASS
7904.00†	7042.00	-1240.64	480.39	8413.70	7061.46	-9637.33	800.80	-92.53	8402.83	113.42	74.55	PASS
8004.00†	7042.00	-1340.63	478.96	8415.62	7061.46	-9637.41	798.88	-92.54	8302.97	113.48	73.62	PASS
8104.00†	7042.00	-1440.62	477.52	8417.84	7061.46	-9637.49	796.66	-92.55	8203.11	113.55	72.69	PASS
8204.00†	7042.00	-1540.61	476.09	8420.09	7061.46	-9637.58	794.42	-92.57	8103.25	113.62	71.76	PASS
8304.00†	7042.00	-1640.60	474.66	8422.37	7061.46	-9637.67	792.14	-92.58	8003.40	113.70	70.83	PASS
8404.00†	7042.00	-1740.59	473.22	8424.68	7061.46	-9637.76	789.83	-92.59	7903.54	113.78	69.89	PASS
8504.00†	7042.00	-1840.58	471.79	8427.03	7061.45	-9637.86	787.48	-92.61	7803.69	113.86	68.96	PASS

C-C Clearance Distance Cutoff: 150.00 ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP

Facility: SEC.02-T05N-R66W Slot: SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR) Well: BESTWAY 12-2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8604.00†	7042.00	-1940.57	470.36	8429.41	7061.45	-9637.95	785.10	-92.62	7703.84	113.94	68.03	PASS
8704.00†	7042.00	-2040.56	468.92	8431.83	7061.45	-9638.05	782.69	-92.64	7604.00	114.02	67.10	PASS
8804.00†	7042.00	-2140.55	467.49	8434.28	7061.45	-9638.15	780.24	-92.65	7504.15	114.11	66.17	PASS
8904.00†	7042.00	-2240.54	466.06	8436.77	7061.45	-9638.26	777.75	-92.67	7404.31	114.20	65.24	PASS
9004.00†	7042.00	-2340.53	464.62	8439.30	7061.44	-9638.37	775.22	-92.68	7304.47	114.29	64.31	PASS
9104.00†	7042.00	-2440.52	463.19	8441.86	7061.44	-9638.48	772.66	-92.70	7204.64	114.38	63.38	PASS
9204.00†	7042.00	-2540.50	461.76	8444.47	7061.43	-9638.59	770.06	-92.71	7104.80	114.47	62.44	PASS
9304.00†	7042.00	-2640.49	460.32	8446.47	7061.43	-9638.67	768.06	-92.73	7004.97	114.56	61.52	PASS
9404.00†	7042.00	-2740.48	458.89	8447.60	7061.43	-9638.73	766.93	-92.73	6905.14	114.62	60.61	PASS
9504.00†	7042.00	-2840.47	457.46	8448.76	7061.43	-9638.78	765.77	-92.74	6805.32	114.68	59.70	PASS
9604.00†	7042.00	-2940.46	456.02	8449.94	7061.43	-9638.83	764.59	-92.75	6705.50	114.75	58.79	PASS
9704.00†	7042.00	-3040.45	454.59	8451.16	7061.42	-9638.89	763.37	-92.76	6605.68	114.82	57.88	PASS
9804.00†	7042.00	-3140.44	453.15	8452.40	7061.42	-9638.95	762.13	-92.77	6505.87	114.89	56.97	PASS
9904.00†	7042.00	-3240.43	451.72	8453.68	7061.42	-9639.01	760.86	-92.77	6406.07	114.96	56.06	PASS
10004.00†	7042.00	-3340.42	450.29	8454.98	7061.42	-9639.07	759.55	-92.78	6306.27	115.03	55.16	PASS
10104.00†	7042.00	-3440.41	448.85	8456.32	7061.42	-9639.14	758.21	-92.79	6206.47	115.11	54.25	PASS
10204.00†	7042.00	-3540.40	447.42	8457.70	7061.42	-9639.21	756.84	-92.80	6106.68	115.19	53.34	PASS
10304.00†	7042.00	-3640.39	445.99	8459.11	7061.42	-9639.28	755.43	-92.81	6006.89	115.27	52.43	PASS
10404.00†	7042.00	-3740.38	444.55	8460.56	7061.42	-9639.35	753.99	-92.82	5907.11	115.35	51.52	PASS
10504.00†	7042.00	-3840.37	443.12	8462.04	7061.42	-9639.43	752.50	-92.83	5807.34	115.44	50.61	PASS
10604.00†	7042.00	-3940.36	441.69	8463.57	7061.43	-9639.51	750.98	-92.85	5707.57	115.53	49.70	PASS
10704.00†	7042.00	-4040.35	440.25	8465.14	7061.43	-9639.60	749.41	-92.86	5607.81	115.62	48.80	PASS
10804.00†	7042.00	-4140.34	438.82	8466.75	7061.43	-9639.69	747.80	-92.87	5508.06	115.71	47.89	PASS
10904.00†	7042.00	-4240.33	437.39	8468.41	7061.43	-9639.78	746.15	-92.88	5408.31	115.81	46.98	PASS
11004.00†	7042.00	-4340.32	435.95	8470.11	7061.44	-9639.88	744.45	-92.89	5308.57	115.91	46.08	PASS
11104.00†	7042.00	-4440.31	434.52	8471.87	7061.44	-9639.98	742.69	-92.91	5208.84	116.01	45.17	PASS
11204.00†	7042.00	-4540.30	433.09	8473.67	7061.45	-9640.09	740.89	-92.92	5109.11	116.11	44.26	PASS
11304.00†	7042.00	-4640.29	431.65	8475.53	7061.45	-9640.21	739.04	-92.94	5009.39	116.22	43.36	PASS
11404.00†	7042.00	-4740.28	430.22	8477.45	7061.46	-9640.32	737.12	-92.95	4909.69	116.33	42.46	PASS
11504.00†	7042.00	-4840.27	428.78	8479.30	7061.46	-9640.44	735.27	-92.97	4809.99	116.44	41.55	PASS

C-C Clearance Distance Cutoff: 150.00 ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR)		Well: BESTWAY 12-2		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
11604.00†	7042.00	-4940.26	427.35	8481.16	7061.47	-9640.56	733.42	-92.99	4710.30	116.56	40.65	PASS
11704.00†	7042.00	-5040.25	425.92	8483.09	7061.48	-9640.69	731.50	-93.00	4610.62	116.67	39.75	PASS
11804.00†	7042.00	-5140.24	424.48	8485.07	7061.49	-9640.82	729.51	-93.02	4510.95	116.79	38.85	PASS
11904.00†	7042.00	-5240.23	423.05	8487.13	7061.50	-9640.96	727.46	-93.04	4411.29	116.92	37.95	PASS
12004.00†	7042.00	-5340.22	421.62	8489.25	7061.52	-9641.11	725.34	-93.06	4311.65	117.05	37.06	PASS
12104.00†	7042.00	-5440.21	420.18	8491.45	7061.53	-9641.26	723.15	-93.08	4212.01	117.18	36.16	PASS
12204.00†	7042.00	-5540.20	418.75	8493.73	7061.55	-9641.43	720.88	-93.10	4112.39	117.31	35.26	PASS
12304.00†	7042.00	-5640.19	417.32	8496.09	7061.57	-9641.61	718.52	-93.12	4012.79	117.45	34.37	PASS
12404.00†	7042.00	-5740.18	415.88	8498.54	7061.59	-9641.79	716.08	-93.15	3913.20	117.60	33.47	PASS
12504.00†	7042.00	-5840.17	414.45	8501.08	7061.62	-9641.99	713.55	-93.18	3813.62	117.75	32.58	PASS
12604.00†	7042.00	-5940.16	413.02	8503.71	7061.64	-9642.20	710.93	-93.20	3714.06	117.90	31.69	PASS
12704.00†	7042.00	-6040.15	411.58	8506.45	7061.67	-9642.42	708.20	-93.23	3614.52	118.06	30.79	PASS
12804.00†	7042.00	-6140.14	410.15	8510.75	7061.72	-9642.78	703.91	-93.28	3514.99	118.26	29.89	PASS
12904.00†	7042.00	-6240.12	408.72	8527.26	7061.84	-9644.14	687.46	-93.47	3415.47	118.76	28.92	PASS
13004.00†	7042.00	-6340.11	407.28	8540.46	7061.83	-9645.21	674.30	-93.61	3315.92	119.19	27.98	PASS
13104.00†	7042.00	-6440.10	405.85	8546.08	7061.79	-9645.66	668.70	-93.67	3216.38	119.43	27.09	PASS
13204.00†	7042.00	-6540.09	404.41	8551.84	7061.74	-9646.14	662.96	-93.73	3116.85	119.67	26.19	PASS
13304.00†	7042.00	-6640.08	402.98	8557.75	7061.65	-9646.63	657.07	-93.78	3017.33	119.93	25.30	PASS
13404.00†	7042.00	-6740.07	401.55	8563.82	7061.55	-9647.15	651.02	-93.84	2917.82	120.18	24.42	PASS
13504.00†	7042.00	-6840.06	400.11	8570.06	7061.41	-9647.69	644.81	-93.90	2818.33	120.45	23.53	PASS
13604.00†	7042.00	-6940.05	398.68	8593.20	7060.86	-9649.65	621.76	-94.12	2718.83	121.13	22.57	PASS
13704.00†	7042.00	-7040.04	397.25	8606.65	7060.55	-9650.74	608.36	-94.27	2619.28	121.57	21.67	PASS
13804.00†	7042.00	-7140.03	395.81	8614.05	7060.39	-9651.34	600.99	-94.36	2519.74	121.87	20.79	PASS
13904.00†	7042.00	-7240.02	394.38	8621.57	7060.22	-9651.95	593.49	-94.46	2420.20	122.18	19.92	PASS
14004.00†	7042.00	-7340.01	392.95	8629.23	7060.06	-9652.59	585.86	-94.57	2320.68	122.49	19.05	PASS
14104.00†	7042.00	-7440.00	391.51	8738.69	7059.82	-9659.18	476.62	-98.67	2220.88	125.43	17.80	PASS
14204.00†	7042.00	-7539.99	390.08	8741.98	7059.86	-9659.31	473.33	-98.93	2121.03	125.62	16.98	PASS
14304.00†	7042.00	-7639.98	388.65	8745.38	7059.91	-9659.44	469.93	-99.23	2021.18	125.81	16.15	PASS
14404.00†	7042.00	-7739.97	387.21	8748.92	7059.95	-9659.59	466.40	-99.55	1921.33	126.01	15.33	PASS
14504.00†	7042.00	-7839.96	385.78	8823.40	7059.94	-9661.32	391.95	-119.06	1821.46	128.27	14.27	PASS

C-C Clearance Distance Cutoff: 150.00 ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR)		Well: BESTWAY 12-2		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
14604.00†	7042.00	-7939.95	384.34	8825.19	7059.91	-9661.33	390.16	-120.43	1721.48	128.42	13.47	PASS
14704.00†	7042.00	-8039.94	382.91	8826.98	7059.88	-9661.33	388.36	-121.93	1621.50	128.56	12.68	PASS
14804.00†	7042.00	-8139.93	381.48	8828.77	7059.86	-9661.34	386.57	-123.57	1521.52	128.71	11.88	PASS
14904.00†	7042.00	-8239.92	380.04	8830.56	7059.83	-9661.35	384.78	-125.37	1421.55	128.86	11.09	PASS
14955.52	7042.00	-8291.43	379.31	8831.49	7059.81	-9661.35	383.86	-126.37	1370.04	128.94	10.68	PASS
14980.32	7042.00	-8316.23	378.84	8832.04	7059.81	-9661.35	383.31	-116.71	1345.24	128.98	10.48	PASS
15004.00†	7042.00	-8339.90	378.30	8832.67	7059.80	-9661.35	382.68	-117.11	1321.58	129.02	10.29	PASS
15104.00†	7042.00	-8439.88	376.00	8835.33	7059.75	-9661.36	380.02	-118.94	1221.62	129.19	9.50	PASS
15204.00†	7042.00	-8539.85	373.70	8837.99	7059.71	-9661.37	377.36	-121.02	1121.67	129.37	8.71	PASS
15304.00†	7042.00	-8639.82	371.40	8840.65	7059.66	-9661.38	374.70	-123.40	1021.72	129.55	7.92	PASS
15404.00†	7042.00	-8739.80	369.10	8843.31	7059.62	-9661.39	372.04	-126.13	921.77	129.73	7.14	PASS
15504.00†	7042.00	-8839.77	366.80	8845.97	7059.57	-9661.40	369.38	-129.29	821.82	129.91	6.36	PASS
15604.00†	7042.00	-8939.74	364.50	8848.63	7059.52	-9661.41	366.72	-132.96	721.88	130.09	5.57	PASS
15704.00†	7042.00	-9039.72	362.20	8851.29	7059.47	-9661.42	364.06	-137.24	621.95	130.27	4.79	PASS
15804.00†	7042.00	-9139.69	359.90	8853.60	7059.43	-9661.43	361.75	-141.54	522.03	130.45	4.02	PASS
15904.00†	7042.00	-9239.67	357.60	8855.92	7059.38	-9661.44	359.43	-146.46	422.13	130.64	3.24	PASS
16004.00†	7042.00	-9339.64	355.30	8858.40	7059.34	-9661.45	356.95	-152.45	322.28	130.86	2.47	PASS
16104.00†	7042.00	-9439.61	353.01	8861.06	7059.29	-9661.47	354.29	-159.73	222.53	131.19	1.70	PASS
16204.00†	7042.00	-9539.59	350.71	8863.92	7059.25	-9661.49	351.44	-168.43	123.12	132.18	0.93	FAIL
16304.00†	7042.00	-9639.56	348.41	8867.00	7059.20	-9661.52	348.36	-178.49	27.89	149.08	0.18	FAIL
16324.28†	7042.00	-9659.83	347.94	8867.65	7059.19	-9661.52	347.70	179.34	17.28	148.58	0.11	FAIL
16326.03†	7042.00	-9661.58	347.90	8867.72	7059.19	-9661.53	347.63	179.10	17.19	147.35	0.11	FAIL
16404.00†	7042.00	-9739.53	346.11	8870.33	7059.15	-9661.55	345.03	170.49	79.85	135.63	0.59	FAIL

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BESTWAY 12-2 AWB    Offset Wellpath: BESTWAY 12-2 AWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

WELLPATH COMPOSITION - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	12154.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC FROM COGCC <94-12154>	BESTWAY 12-2 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BESTWAY 12-2 AWB Offset Wellpath: BESTWAY 12-2 AWP	
MD Reference: Rig on SLOT#02 EX. BESTWAY 12-2 (2223'FNL & 1180'FEL, PR / NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TROUDT 40N-26C-L PWB Offset Wellpath: TROUDT 40N-26C-L PWP (REV-A.0)

Facility: SEC.27-T06N-R66W Slot: SLOT#24 TROUDT 40N-26C-L (1080'FNL & 1760'FWL, SEC.27) Well: TROUDT 40N-26C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	26.00	4.00	1285.45	-6788.99	-79.28	6909.61	50.17	140.41	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TROUDT 40N-26C-L PWB Offset Wellpath: TROUDT 40N-26C-L PWP (REV-A.0)

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TROUDT 40N-26C-L PWB Offset Wellpath: TROUDT 40N-26C-L PWP (REV-A.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1729.00	1725.00	-18.00	1672.66	784.18	-4138.46	712.95	-4188.67
9.625in Casing Surface	4.00	1729.00	1725.00	-18.00	1672.66	784.18	-4138.46	712.95	-4188.67
8.5in Open Hole	1729.00	16702.95	14973.95	1672.66	7020.00	712.95	-4188.67	328.58	-1452.25

## SURVEY PROGRAM - Offset Wellbore: TROUDT 40N-26C-L PWB Offset Wellpath: TROUDT 40N-26C-L PWP (REV-A.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1729.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		TROUDT 40N-26C-L PWB
1729.00	16702.95	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 40N-26C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TROUDT 40N-26C-L PWB Offset Wellpath: TROUDT 40N-26C-L PWP (REV-A.0)

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: MOBIL PREMIX 1-35 AWB Offset Wellpath: MOBIL PREMIX 1-35 AWP												
Facility: SEC.35-T06N-R66W		Slot: SLOT#01 EX. MOBIL PREMIX 1-35 (2011'FNL & 2043'FEL, PA / CODL / 7272'TD)			Well: MOBIL PREMIX 1-35		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	24.00	-4974.38	126.90	178.54	4976.04	25.57	202.23	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: MOBIL PREMIX 1-35 AWB Offset Wellpath: MOBIL PREMIX 1-35 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: MOBIL PREMIX 1-35 AWB Offset Wellpath: MOBIL PREMIX 1-35 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Wellbore
0.00	7272.00	Drift Indicator - Inclination Only (Actual Survey)	MOBIL PREMIX 1-35 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: MOBIL PREMIX 1-35 AWB Offset Wellpath: MOBIL PREMIX 1-35 AWP	
MD Reference: Rig on SLOT#01 EX. MOBIL PREMIX 1-35 (2011'FNL & 2043'FEL, PA / CODL / 7272'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CHALK 15C-2-XR PWB Offset Wellpath: CHALK 15C-2-XR (REV-B.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#30 CHALK 15C-2-XR (2330'FNL & 2191'FEL, SEC.26) Well: CHALK 15C-2-XR Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	0.00	-19.79	-90.00	19.79	1.56	31.37	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	0.00	-19.79	-90.00	19.79	2.18	15.44	PASS
204.00†	204.00	0.00	0.00	204.00	204.00	0.00	-19.79	-90.00	19.79	3.16	8.56	PASS
300.00	300.00	0.00	0.00	300.00	300.00	0.00	-19.79	-90.00	19.79	4.14	5.92	PASS
304.00†	304.00	0.00	0.00	304.03	304.03	0.00	-19.79	164.50	19.79	4.19	5.84	PASS
404.00†	403.98	-0.50	1.82	404.67	404.64	-0.73	-18.02	163.85	19.85	5.53	4.13	PASS
504.00†	503.83	-1.94	7.00	504.95	504.81	-2.61	-13.50	162.65	20.53	7.13	3.17	PASS
522.02	521.80	-2.30	8.29	522.97	522.80	-2.97	-12.63	162.67	20.95	7.34	3.13	PASS
604.00†	603.53	-3.99	14.40	604.92	604.64	-4.62	-8.65	162.96	23.09	8.10	3.10	PASS
704.00†	703.23	-6.06	21.86	704.89	704.47	-6.63	-3.81	163.25	25.71	9.05	3.06	PASS
804.00†	802.93	-8.13	29.32	804.85	804.29	-8.64	1.04	163.49	28.32	10.03	3.02	PASS
904.00†	902.63	-10.20	36.78	904.82	904.12	-10.65	5.88	163.69	30.94	11.03	2.98	PASS
1004.00†	1002.33	-12.27	44.25	1004.78	1003.95	-12.66	10.73	163.86	33.56	12.03	2.94	PASS
1104.00†	1102.03	-14.34	51.71	1104.75	1103.78	-14.67	15.57	164.00	36.18	13.05	2.91	PASS
1204.00†	1201.73	-16.41	59.17	1204.71	1203.61	-16.67	20.42	164.12	38.80	14.08	2.89	PASS
1304.00†	1301.43	-18.48	66.63	1304.68	1303.43	-18.68	25.26	164.23	41.41	15.10	2.86	PASS
1404.00†	1401.13	-20.55	74.09	1404.65	1403.26	-20.69	30.11	164.32	44.03	16.14	2.84	PASS
1504.00†	1500.83	-22.62	81.55	1504.61	1503.09	-22.70	34.95	164.41	46.65	17.18	2.82	PASS
1604.00†	1600.53	-24.69	89.01	1604.58	1602.92	-24.71	39.80	164.48	49.27	18.22	2.80	PASS
1704.00†	1700.23	-26.75	96.47	1704.54	1702.75	-26.72	44.64	164.55	51.89	19.26	2.78	PASS
1804.00†	1799.93	-28.82	103.93	1804.51	1802.57	-28.73	49.49	164.61	54.51	19.53	2.86	PASS
1904.00†	1899.63	-30.89	111.39	1904.47	1902.40	-30.74	54.33	164.67	57.13	19.59	2.99	PASS
2004.00†	1999.33	-32.96	118.85	2004.44	2002.23	-32.75	59.18	164.72	59.75	19.71	3.11	PASS
2104.00†	2099.03	-35.03	126.31	2104.41	2102.06	-34.76	64.02	164.76	62.36	19.89	3.21	PASS
2204.00†	2198.73	-37.10	133.77	2204.37	2201.89	-36.77	68.87	164.80	64.98	20.12	3.31	PASS
2304.00†	2298.43	-39.17	141.23	2304.34	2301.71	-38.78	73.71	164.84	67.60	20.41	3.40	PASS
2404.00†	2398.13	-41.24	148.70	2404.30	2401.54	-40.79	78.56	164.88	70.22	20.75	3.47	PASS
2504.00†	2497.83	-43.31	156.16	2504.27	2501.37	-42.80	83.40	164.91	72.84	21.14	3.53	PASS
2604.00†	2597.53	-45.38	163.62	2604.23	2601.20	-44.81	88.25	164.95	75.46	21.57	3.58	PASS
2704.00†	2697.23	-47.45	171.08	2704.20	2701.03	-46.82	93.09	164.97	78.08	22.05	3.63	PASS

C-C Clearance Distance Cutoff: 150.00 ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 15C-2-XR PWB Offset Wellpath: CHALK 15C-2-XR (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W Slot: SLOT#30 CHALK 15C-2-XR (2330'FNL & 2191'FEL, SEC.26) Well: CHALK 15C-2-XR Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2804.00†	2796.93	-49.51	178.54	2804.17	2800.85	-48.83	97.94	165.00	80.70	22.57	3.66	PASS
2904.00†	2896.63	-51.58	186.00	2904.13	2900.68	-50.84	102.78	165.03	83.32	23.12	3.69	PASS
3004.00†	2996.33	-53.65	193.46	3004.10	3000.51	-52.85	107.63	165.05	85.94	23.71	3.70	PASS
3104.00†	3096.03	-55.72	200.92	3104.06	3100.34	-54.85	112.47	165.07	88.56	24.34	3.72	PASS
3204.00†	3195.73	-57.79	208.38	3204.03	3200.17	-56.86	117.32	165.10	91.18	24.99	3.73	PASS
3304.00†	3295.43	-59.86	215.84	3303.99	3299.99	-58.87	122.16	165.12	93.79	25.67	3.73	PASS
3404.00†	3395.13	-61.93	223.30	3403.96	3399.82	-60.88	127.01	165.14	96.41	26.38	3.73	PASS
3504.00†	3494.83	-64.00	230.76	3503.92	3499.65	-62.89	131.85	165.15	99.03	27.11	3.72	PASS
3604.00†	3594.53	-66.07	238.22	3603.89	3599.48	-64.90	136.70	165.17	101.65	27.86	3.72	PASS
3704.00†	3694.23	-68.14	245.69	3703.86	3699.31	-66.91	141.54	165.19	104.27	28.63	3.71	PASS
3804.00†	3793.93	-70.21	253.15	3803.82	3799.13	-68.92	146.39	165.20	106.89	29.42	3.70	PASS
3904.00†	3893.63	-72.27	260.61	3903.79	3898.96	-70.93	151.23	165.22	109.51	30.23	3.69	PASS
4004.00†	3993.33	-74.34	268.07	4003.75	3998.79	-72.94	156.08	165.23	112.13	31.05	3.67	PASS
4104.00†	4093.03	-76.41	275.53	4103.72	4098.62	-74.95	160.92	165.24	114.75	31.88	3.66	PASS
4204.00†	4192.73	-78.48	282.99	4203.68	4198.45	-76.96	165.77	165.26	117.37	32.73	3.64	PASS
4304.00†	4292.43	-80.55	290.45	4303.65	4298.27	-78.97	170.61	165.27	119.99	33.59	3.63	PASS
4404.00†	4392.13	-82.62	297.91	4403.62	4398.10	-80.98	175.46	165.28	122.61	34.47	3.61	PASS
4504.00†	4491.83	-84.69	305.37	4503.58	4497.93	-82.99	180.30	165.29	125.23	35.35	3.59	PASS
4604.00†	4591.52	-86.76	312.83	4603.55	4597.76	-85.00	185.15	165.30	127.85	36.24	3.58	PASS
4704.00†	4691.22	-88.83	320.29	4703.51	4697.59	-87.01	189.99	165.31	130.47	37.14	3.56	PASS
4804.00†	4790.92	-90.90	327.75	4803.48	4797.41	-89.02	194.84	165.32	133.08	38.05	3.55	PASS
4904.00†	4890.62	-92.97	335.21	4903.44	4897.24	-91.02	199.69	165.33	135.70	38.96	3.53	PASS
5004.00†	4990.32	-95.03	342.67	5003.41	4997.07	-93.03	204.53	165.34	138.32	39.89	3.51	PASS
5104.00†	5090.02	-97.10	350.14	5103.38	5096.90	-95.04	209.38	165.35	140.94	40.82	3.50	PASS
5204.00†	5189.72	-99.17	357.60	5203.34	5196.73	-97.05	214.22	165.36	143.56	41.75	3.48	PASS
5304.00†	5289.42	-101.24	365.06	5303.31	5296.55	-99.06	219.07	165.37	146.18	42.70	3.46	PASS
5404.00†	5389.12	-103.31	372.52	5403.27	5396.38	-101.07	223.91	165.38	148.80	43.64	3.45	PASS

C-C Clearance Distance Cutoff: 150.00 ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 15C-2-XR PWB Offset Wellpath: CHALK 15C-2-XR (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: CHALK 15C-2-XR PWB Offset Wellpath: CHALK 15C-2-XR (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1748.14	0.00	-12.06	-8.42	8.25
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1748.14	0.00	-12.06	-8.42	8.25
8.5in Open Hole	1750.00	20209.41	18459.41	1748.14	7140.00	-8.42	8.25	-4096.05	-7.40

## SURVEY PROGRAM - Offset Wellbore: CHALK 15C-2-XR PWB Offset Wellpath: CHALK 15C-2-XR (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 15C-2-XR PWB
1750.00	20209.41	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 15C-2-XR PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 15C-2-XR PWB Offset Wellpath: CHALK 15C-2-XR (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LUNDVALL 5 AWB Offset Wellpath: LUNDVALL 5 AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#03 EX. LUNDVALL 5 (660'FNL & 660'FEL, PA / NB-CD / 7296'TD)			Well: LUNDVALL 5		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	12.00	-9633.99	742.97	175.59	9662.60	25.57	392.72	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: LUNDVALL 5 AWB Offset Wellpath: LUNDVALL 5 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: LUNDVALL 5 AWB Offset Wellpath: LUNDVALL 5 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7296.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <100-7296>
			LUNDVALL 5 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: LUNDVALL 5 AWB Offset Wellpath: LUNDVALL 5 AWP	
MD Reference: Rig on SLOT#03 EX. LUNDVALL 5 (660'FNL & 660'FEL, PA / NB-CD / 7296'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CHALK 37N-2A-XR PWB Offset Wellpath: CHALK 37N-2A-XR (REV-B.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#32 CHALK 37N-2A-XR (2330'FNL & 2151'FEL, SEC.26) Well: CHALK 37N-2A-XR Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-0.40	20.02	91.16	20.02	1.26	63.54	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-0.40	20.02	91.16	20.02	2.18	15.67	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-0.40	20.02	91.16	20.02	3.16	8.69	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-0.40	20.02	91.16	20.02	4.14	6.00	PASS
304.00†	304.00	0.00	0.00	302.98	303.98	-0.41	20.02	-14.34	20.02	4.18	5.93	PASS
404.00†	403.98	-0.50	1.82	402.30	403.27	-0.75	21.81	-14.78	20.01	5.54	4.16	PASS
504.00†	503.83	-1.94	7.00	501.61	502.45	-1.76	26.98	-15.97	20.03	7.47	2.93	PASS
522.02	521.80	-2.30	8.29	519.51	520.30	-2.01	28.27	-16.27	20.04	7.73	2.82	PASS
604.00†	603.53	-3.99	14.40	600.91	601.36	-3.43	35.52	-16.96	21.23	8.75	2.60	PASS
704.00†	703.23	-6.06	21.86	700.67	700.49	-5.57	46.50	-16.56	24.80	9.68	2.73	PASS
804.00†	802.93	-8.13	29.32	800.60	799.78	-7.73	57.61	-16.22	28.46	10.60	2.85	PASS
904.00†	902.63	-10.20	36.78	900.54	899.07	-9.90	68.71	-15.96	32.13	11.55	2.94	PASS
1004.00†	1002.33	-12.27	44.25	1000.47	998.36	-12.06	79.81	-15.75	35.79	12.51	3.02	PASS
1104.00†	1102.03	-14.34	51.71	1100.40	1097.65	-14.23	90.92	-15.58	39.46	13.50	3.07	PASS
1204.00†	1201.73	-16.41	59.17	1200.33	1196.94	-16.39	102.02	-15.44	43.12	14.49	3.12	PASS
1304.00†	1301.43	-18.48	66.63	1300.27	1296.23	-18.56	113.13	-15.32	46.79	15.50	3.15	PASS
1404.00†	1401.13	-20.55	74.09	1400.20	1395.52	-20.72	124.23	-15.21	50.45	16.52	3.18	PASS
1504.00†	1500.83	-22.62	81.55	1500.13	1494.81	-22.89	135.33	-15.13	54.12	17.54	3.21	PASS
1604.00†	1600.53	-24.69	89.01	1600.06	1594.10	-25.05	146.44	-15.05	57.79	18.57	3.23	PASS
1704.00†	1700.23	-26.75	96.47	1700.00	1693.39	-27.22	157.54	-14.98	61.45	19.60	3.25	PASS
1804.00†	1799.93	-28.82	103.93	1799.93	1792.68	-29.38	168.65	-14.92	65.12	19.88	3.36	PASS
1904.00†	1899.63	-30.89	111.39	1899.86	1891.97	-31.55	179.75	-14.87	68.79	19.95	3.54	PASS
2004.00†	1999.33	-32.96	118.85	1999.80	1991.26	-33.71	190.85	-14.82	72.45	20.07	3.71	PASS
2104.00†	2099.03	-35.03	126.31	2099.73	2090.55	-35.88	201.96	-14.78	76.12	20.25	3.86	PASS
2204.00†	2198.73	-37.10	133.77	2199.66	2189.84	-38.04	213.06	-14.74	79.79	20.48	4.00	PASS
2304.00†	2298.43	-39.17	141.23	2299.59	2289.13	-40.21	224.16	-14.70	83.45	20.77	4.13	PASS
2404.00†	2398.13	-41.24	148.70	2399.53	2388.42	-42.37	235.27	-14.67	87.12	21.10	4.24	PASS
2504.00†	2497.83	-43.31	156.16	2499.46	2487.71	-44.54	246.37	-14.64	90.79	21.49	4.33	PASS
2604.00†	2597.53	-45.38	163.62	2599.39	2587.00	-46.70	257.48	-14.61	94.46	21.92	4.42	PASS
2704.00†	2697.23	-47.45	171.08	2699.32	2686.29	-48.86	268.58	-14.58	98.12	22.40	4.49	PASS

C-C Clearance Distance Cutoff: 150.00 ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 37N-2A-XR PWB    Offset Wellpath: CHALK 37N-2A-XR (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W			Slot: SLOT#32 CHALK 37N-2A-XR (2330'FNL & 2151'FEL, SEC.26)		Well: CHALK 37N-2A-XR		Threshold Value=1.00    † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2804.00†	2796.93	-49.51	178.54	2799.26	2785.58	-51.03	279.68	-14.56	101.79	22.92	4.55	PASS
2904.00†	2896.63	-51.58	186.00	2899.19	2884.87	-53.19	290.79	-14.54	105.46	23.48	4.60	PASS
3004.00†	2996.33	-53.65	193.46	2999.12	2984.16	-55.36	301.89	-14.52	109.12	24.07	4.64	PASS
3104.00†	3096.03	-55.72	200.92	3099.06	3083.45	-57.52	312.99	-14.50	112.79	24.70	4.67	PASS
3204.00†	3195.73	-57.79	208.38	3198.99	3182.75	-59.69	324.10	-14.48	116.46	25.35	4.70	PASS
3304.00†	3295.43	-59.86	215.84	3298.92	3282.04	-61.85	335.20	-14.46	120.13	26.04	4.71	PASS
3404.00†	3395.13	-61.93	223.30	3398.85	3381.33	-64.02	346.31	-14.45	123.79	26.75	4.73	PASS
3504.00†	3494.83	-64.00	230.76	3498.79	3480.62	-66.18	357.41	-14.43	127.46	27.48	4.73	PASS
3604.00†	3594.53	-66.07	238.22	3598.72	3579.91	-68.35	368.51	-14.42	131.13	28.23	4.74	PASS
3704.00†	3694.23	-68.14	245.69	3698.65	3679.20	-70.51	379.62	-14.40	134.79	29.01	4.74	PASS
3804.00†	3793.93	-70.21	253.15	3798.58	3778.49	-72.68	390.72	-14.39	138.46	29.80	4.73	PASS
3904.00†	3893.63	-72.27	260.61	3898.52	3877.78	-74.84	401.83	-14.38	142.13	30.61	4.73	PASS
4004.00†	3993.33	-74.34	268.07	3998.45	3977.07	-77.01	412.93	-14.37	145.80	31.44	4.72	PASS
4104.00†	4093.03	-76.41	275.53	4098.38	4076.36	-79.17	424.03	-14.35	149.46	32.28	4.71	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 37N-2A-XR PWB Offset Wellpath: CHALK 37N-2A-XR (REV-B.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: CHALK 37N-2A-XR PWB Offset Wellpath: CHALK 37N-2A-XR (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1743.07	-0.25	12.20	-8.75	55.81
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1743.07	-0.25	12.20	-8.75	55.81
8.5in Open Hole	1750.00	19873.33	18123.33	1743.07	6868.00	-8.75	55.81	-4080.63	165.14



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

SURVEY PROGRAM - Offset Wellbore: CHALK 37N-2A-XR PWB    Offset Wellpath: CHALK 37N-2A-XR (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 37N-2A-XR PWB
1750.00	19873.33	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 37N-2A-XR PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 37N-2A-XR PWB    Offset Wellpath: CHALK 37N-2A-XR (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: MOBILE PREMIX 1A-35 AWB Offset Wellpath: MOBILE PREMIX 1A-35 AWP

Facility: SEC.35-T06N-R66W		Slot: SLOT#05 EX. MOBILE PREMIX 1A-35 (2152'FNL & 2180'FEL, SI / NB-CD/7300'TD)						Well: MOBILE PREMIX 1A-35		Threshold Value=1.00 † = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	23.00	-5051.98	-17.55	-179.80	5052.05	25.57	205.31	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: MOBILE PREMIX 1A-35 AWB Offset Wellpath: MOBILE PREMIX 1A-35 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: MOBILE PREMIX 1A-35 AWB Offset Wellpath: MOBILE PREMIX 1A-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7300.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMEDVERTICAL TO TD FROM COGCC <7300>	MOBILE PREMIX 1A-35 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: MOBILE PREMIX 1A-35 AWB Offset Wellpath: MOBILE PREMIX 1A-35 AWP

MD Reference: Rig on SLOT#05 EX. MOBILE PREMIX 1A-35 (2152'FNL & 2180'FEL, SI / NB-CD/7300'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TROUDT 40C-26-L PWB Offset Wellpath: TROUDT 40C-26-L PWP (REV-A.0)

Facility: SEC.27-T06N-R66W Slot: SLOT#23 TROUDT 40C-26-L (1060'FNL & 1760'FWL, SEC.27) Well: TROUDT 40C-26-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	26.00	4.00	1305.49	-6788.98	-79.12	6913.36	50.17	140.48	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TROUDT 40C-26-L PWB Offset Wellpath: TROUDT 40C-26-L PWP (REV-A.0)

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TROUDT 40C-26-L PWB Offset Wellpath: TROUDT 40C-26-L PWP (REV-A.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1729.00	1725.00	-18.00	1676.12	796.40	-4138.45	729.22	-4193.73
9.625in Casing Surface	4.00	1729.00	1725.00	-18.00	1676.12	796.40	-4138.45	729.22	-4193.73
8.5in Open Hole	1729.00	16753.68	15024.68	1676.12	7125.00	729.22	-4193.73	409.98	-1453.34

## SURVEY PROGRAM - Offset Wellbore: TROUDT 40C-26-L PWB Offset Wellpath: TROUDT 40C-26-L PWP (REV-A.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1729.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		TROUDT 40C-26-L PWB
1729.00	16753.69	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 40C-26-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TROUDT 40C-26-L PWB Offset Wellpath: TROUDT 40C-26-L PWP (REV-A.0)

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TROUDT 8N-26B-L PWB Offset Wellpath: TROUDT 8N-26B-L PWP (REV-A.0)

Facility: SEC.27-T06N-R66W Slot: SLOT#22 TROUDT 8N-26B-L (1040'FNL & 1760'FWL, SEC.27) Well: TROUDT 8N-26B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	26.00	4.00	1325.22	-6788.98	-78.96	6917.11	50.17	140.56	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TROUDT 8N-26B-L PWB Offset Wellpath: TROUDT 8N-26B-L PWP (REV-A.0)

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TROUDT 8N-26B-L PWB Offset Wellpath: TROUDT 8N-26B-L PWP (REV-A.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1729.00	1725.00	-18.00	1681.69	808.43	-4138.45	754.61	-4192.43
9.625in Casing Surface	4.00	1729.00	1725.00	-18.00	1681.69	808.43	-4138.45	754.61	-4192.43
8.5in Open Hole	1729.00	16545.95	14816.95	1681.69	6942.00	754.61	-4192.43	483.18	-1454.34

## SURVEY PROGRAM - Offset Wellbore: TROUDT 8N-26B-L PWB Offset Wellpath: TROUDT 8N-26B-L PWP (REV-A.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1729.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		TROUDT 8N-26B-L PWB
1729.00	16545.95	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 8N-26B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TROUDT 8N-26B-L PWB Offset Wellpath: TROUDT 8N-26B-L PWP (REV-A.0)

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TROUDT 8N-26A-L PWB Offset Wellpath: TROUDT 8N-26A-L PWP (REV-A.0)

Facility: SEC.27-T06N-R66W Slot: SLOT#21 TROUDT 8N-26A-L (1020'FNL & 1760'FWL, SEC.27) Well: TROUDT 8N-26A-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	14384.62	6816.15	461.97	-0.47	-0.06	6827.80	108.97	63.18	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TROUDT 8N-26A-L PWB Offset Wellpath: TROUDT 8N-26A-L PWP (REV-A.0)

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TROUDT 8N-26A-L PWB Offset Wellpath: TROUDT 8N-26A-L PWP (REV-A.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1729.00	1725.00	-18.00	1683.21	820.64	-4138.44	772.21	-4198.71
9.625in Casing Surface	4.00	1729.00	1725.00	-18.00	1683.21	820.64	-4138.44	772.21	-4198.71
8.5in Open Hole	1729.00	16399.28	14670.28	1683.21	6815.00	772.21	-4198.71	556.47	-1455.34

## SURVEY PROGRAM - Offset Wellbore: TROUDT 8N-26A-L PWB Offset Wellpath: TROUDT 8N-26A-L PWP (REV-A.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1729.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		TROUDT 8N-26A-L PWB
1729.00	16399.28	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 8N-26A-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TROUDT 8N-26A-L PWB Offset Wellpath: TROUDT 8N-26A-L PWP (REV-A.0)

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: EX. JONES WALTER 1-26 AWB Offset Wellpath: EX. JONES WALTER 1-26 AWP

Facility: SEC.26-T06N-R66W Slot: SLOT#08 EX. JONES WALTER 1-26 (1980'FNL & 1980'FEL, PR/CODL) Well: EX. JONES WALTER 1-26 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-2.00	4.00	342.80	193.66	29.46	393.72	25.57	15.96	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: EX. JONES WALTER 1-26 AWB Offset Wellpath: EX. JONES WALTER 1-26 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: EX. JONES WALTER 1-26 AWB Offset Wellpath: EX. JONES WALTER 1-26 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7250.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7250>	EX. JONES WALTER 1-26 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. JONES WALTER 1-26 AWB Offset Wellpath: EX. JONES WALTER 1-26 AWP

MD Reference: Rig on SLOT#08 EX. JONES WALTER 1-26 (1980'FNL & 1980'FEL, PR/CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: BESTWAY 6-11 AWB Offset Wellpath: BESTWAY 6-11 AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#01 EX. BESTWAY 6-11 (2433'FNL & 1179'FEL, PR / NBRR)		Well: BESTWAY 6-11		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	216.94	194.85	-10736.92	935.40	175.02	10779.28	50.18	218.98	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BESTWAY 6-11 AWB Offset Wellpath: BESTWAY 6-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: BESTWAY 6-11 AWB Offset Wellpath: BESTWAY 6-11 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
22.00	12021.00	ISCSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC FROM COGCC <128-12021>

OFFSET WELLPATH REFERENCE - Offset Wellbore: BESTWAY 6-11 AWB Offset Wellpath: BESTWAY 6-11 AWP	
MD Reference: Rig on SLOT#01 EX. BESTWAY 6-11 (2433'FNL & 1179'FEL, PR / NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	22.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: Mobile Premix I35-10 AWB Offset Wellpath: Mobile Premix I35-10 AWP

Facility: SEC.35-T6N-R66W Slot: Slot #3 MOBILE PREMIX I35-10 Well: MOBILE PREMIX I35-10 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	30.00	-5667.99	1560.62	164.61	5878.97	25.57	238.93	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: Mobile Premix I35-10 AWB Offset Wellpath: Mobile Premix I35-10 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: Mobile Premix I35-10 AWB Offset Wellpath: Mobile Premix I35-10 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	16.00	549.00	533.00	46.00	578.99	-3455.17	951.47	-3456.03	951.09
8.625in Casing Surface	16.00	549.00	533.00	46.00	578.99	-3455.17	951.47	-3456.03	951.09
7.875in Open Hole	16.00	7604.00	7588.00	46.00	7329.80	-3455.17	951.47	-3634.32	521.63

## WELLPATH COMPOSITION - Offset Wellbore: Mobile Premix I35-10 AWB Offset Wellpath: Mobile Premix I35-10 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	7604.00	BHI MTC (Collar, pre-2000) (Standard)	Log #1	Mobile Premix I35-10 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: Mobile Premix I35-10 AWB Offset Wellpath: Mobile Premix I35-10 AWP

MD Reference: Ensign 7 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: Mobile Premix I35-17 AWB Offset Wellpath: Mobile Premix I35-17 AWP

Facility: SEC.35-T6N-R66W Slot: Slot #2 MOBILE PREMIX I35-17 Well: MOBILE PREMIX I35-17 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	30.00	-5606.05	1557.84	164.47	5818.54	25.57	236.47	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: Mobile Premix I35-17 AWB Offset Wellpath: Mobile Premix I35-17 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: Mobile Premix I35-17 AWB Offset Wellpath: Mobile Premix I35-17 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	16.00	543.00	527.00	46.00	572.99	-3417.42	949.76	-3416.79	949.92
8.625in Casing Surface	16.00	543.00	527.00	46.00	572.99	-3417.42	949.76	-3416.79	949.92
7.875in Open Hole	16.00	5646.00	5630.00	46.00	5459.02	-3417.42	949.76	-3057.87	717.41

## WELLPATH COMPOSITION - Offset Wellbore: Mobile Premix I35-17 AWB Offset Wellpath: Mobile Premix I35-17 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	7514.00	BHI MTC (Collar, pre-2000) (Standard)	Log #1	Mobile Premix I35-17 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: Mobile Premix I35-17 AWB Offset Wellpath: Mobile Premix I35-17 AWP

MD Reference: Datum #2 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: WEBER 1-26 AWB    Offset Wellpath: WEBER 1-26 AWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#06 EX. WEBER 1-26 (2250°FSL & 930°FEL, PR/CODL)			Well: EX. WEBER 1-26		Threshold Value=1.00    † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-2.00	4.00	-687.82	1248.63	118.85	1425.55	25.57	57.91	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: WEBER 1-26 AWB Offset Wellpath: WEBER 1-26 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: WEBER 1-26 AWB Offset Wellpath: WEBER 1-26 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7257.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7257>

OFFSET WELLPATH REFERENCE - Offset Wellbore: WEBER 1-26 AWB Offset Wellpath: WEBER 1-26 AWP	
MD Reference: Rig on SLOT#06 EX. WEBER 1-26 (2250'FSL & 930'FEL, PR/CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CHALK 15N-2B-XR PWB Offset Wellpath: CHALK 15N-2B-XR (REV-C.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#29 CHALK 15N-2B-XR (2330'FNL & 2211'FEL, SEC.26) Well: CHALK 15N-2B-XR Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	0.30	-39.81	-89.56	39.81	1.26	129.49	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	0.30	-39.81	-89.56	39.81	2.18	31.94	PASS
204.00†	204.00	0.00	0.00	202.99	203.99	0.30	-39.81	-89.57	39.81	3.16	17.71	PASS
300.00	300.00	0.00	0.00	298.82	299.81	-1.10	-40.10	-91.58	40.12	4.14	12.33	PASS
304.00†	304.00	0.00	0.00	302.82	303.80	-1.18	-40.12	162.81	40.14	4.18	12.18	PASS
404.00†	403.98	-0.50	1.82	402.78	403.74	-3.22	-40.55	160.81	42.45	5.37	9.41	PASS
504.00†	503.83	-1.94	7.00	502.61	503.56	-5.26	-40.97	160.49	48.08	6.84	8.01	PASS
522.02	521.80	-2.30	8.29	520.58	521.52	-5.63	-41.05	160.58	49.45	7.06	7.95	PASS
604.00†	603.53	-3.99	14.40	602.31	603.23	-7.29	-41.40	161.05	55.90	7.85	7.97	PASS
704.00†	703.23	-6.06	21.86	701.99	702.89	-9.33	-41.82	161.51	63.77	8.84	7.98	PASS
804.00†	802.93	-8.13	29.32	801.68	802.56	-11.36	-42.25	161.86	71.64	9.84	7.96	PASS
904.00†	902.63	-10.20	36.78	901.37	902.23	-13.39	-42.67	162.14	79.52	10.85	7.95	PASS
1004.00†	1002.33	-12.27	44.25	1001.06	1001.89	-15.43	-43.10	162.37	87.40	11.87	7.93	PASS
1104.00†	1102.03	-14.34	51.71	1100.75	1101.56	-17.46	-43.52	162.57	95.28	12.89	7.91	PASS
1204.00†	1201.73	-16.41	59.17	1200.44	1201.23	-19.50	-43.95	162.73	103.16	13.92	7.89	PASS
1304.00†	1301.43	-18.48	66.63	1300.13	1300.89	-21.53	-44.37	162.87	111.04	14.96	7.87	PASS
1404.00†	1401.13	-20.55	74.09	1399.81	1400.56	-23.56	-44.80	162.99	118.93	15.99	7.85	PASS
1504.00†	1500.83	-22.62	81.55	1499.50	1500.23	-25.60	-45.22	163.10	126.81	17.03	7.83	PASS
1604.00†	1600.53	-24.69	89.01	1599.19	1599.90	-27.63	-45.65	163.19	134.69	18.08	7.81	PASS
1704.00†	1700.23	-26.75	96.47	1698.88	1699.56	-29.66	-46.07	163.28	142.57	19.12	7.80	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 15N-2B-XR PWB Offset Wellpath: CHALK 15N-2B-XR (REV-C.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: CHALK 15N-2B-XR PWB Offset Wellpath: CHALK 15N-2B-XR (REV-C.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1750.67	0.19	-24.27	-9.27	-26.24
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1750.67	0.19	-24.27	-9.27	-26.24
8.5in Open Hole	1750.00	20061.72	18311.72	1750.67	6973.00	-9.27	-26.24	-4108.84	-146.82

SURVEY PROGRAM - Offset Wellbore: CHALK 15N-2B-XR PWB Offset Wellpath: CHALK 15N-2B-XR (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 15N-2B-XR PWB
1750.00	20061.72	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 15N-2B-XR PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 15N-2B-XR PWB Offset Wellpath: CHALK 15N-2B-XR (REV-C.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SRC BESTWAY B-2-11-14NCHZM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NCHZM AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#08 EX. SRC BESTWAY B-2-11-14NCHZM (2285'FNL&1138'FEL,PR/NBRR)			Well: SRC BESTWAY B-2-11-14NCHZM			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	14.98	1.48	-10592.13	981.88	174.70	10637.54	50.17	216.17	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SRC BESTWAY B-2-11-14NCHZM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NCHZM AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: SRC BESTWAY B-2-11-14NCHZM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NCHZM AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
13.50	14629.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC <162-14629>
14629.00	14689.00	Blind Drilling (std)	Projection to bit

OFFSET WELLPATH REFERENCE - Offset Wellbore: SRC BESTWAY B-2-11-14NCHZM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NCHZM AWP	
MD Reference: Rig on SLOT#08 EX. SRC BESTWAY B-2-11-14NCHZM (2285'FNL&1138'FEL,PR/NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	13.50ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 36C-2-XR PWB Offset Wellpath: CHALK 36C-2-XR (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#28 CHALK 36C-2-XR (2329'FNL & 2231'FEL, SEC.26)		Well: CHALK 36C-2-XR		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	0.30	-59.83	-89.71	59.83	1.56	98.11	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	0.30	-59.83	-89.71	59.83	2.18	48.28	PASS
204.00†	204.00	0.00	0.00	204.00	204.00	0.30	-59.83	-89.71	59.83	3.16	26.77	PASS
300.00	300.00	0.00	0.00	300.00	300.00	0.30	-59.83	-89.71	59.83	4.14	18.51	PASS
304.00†	304.00	0.00	0.00	303.95	303.95	0.30	-59.83	164.79	59.83	4.18	18.28	PASS
404.00†	403.98	-0.50	1.82	402.94	402.92	-1.01	-60.92	164.02	62.75	5.41	13.89	PASS
504.00†	503.83	-1.94	7.00	502.70	502.64	-3.01	-62.59	163.56	69.60	6.89	11.58	PASS
522.02	521.80	-2.30	8.29	520.65	520.59	-3.37	-62.89	163.57	71.19	7.11	11.43	PASS
604.00†	603.53	-3.99	14.40	602.28	602.20	-5.00	-64.25	163.70	78.67	7.89	11.22	PASS
704.00†	703.23	-6.06	21.86	701.87	701.75	-7.00	-65.91	163.82	87.79	8.86	10.99	PASS
804.00†	802.93	-8.13	29.32	801.45	801.30	-8.99	-67.57	163.93	96.91	9.86	10.79	PASS
904.00†	902.63	-10.20	36.78	901.03	900.85	-10.98	-69.23	164.01	106.04	10.86	10.62	PASS
1004.00†	1002.33	-12.27	44.25	1000.62	1000.39	-12.98	-70.90	164.08	115.16	11.88	10.46	PASS
1104.00†	1102.03	-14.34	51.71	1100.20	1099.94	-14.97	-72.56	164.14	124.28	12.90	10.33	PASS
1204.00†	1201.73	-16.41	59.17	1199.78	1199.49	-16.97	-74.22	164.20	133.41	13.92	10.22	PASS
1304.00†	1301.43	-18.48	66.63	1299.36	1299.04	-18.96	-75.88	164.24	142.53	14.96	10.12	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 36C-2-XR PWB Offset Wellpath: CHALK 36C-2-XR (REV-B.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: CHALK 36C-2-XR PWB Offset Wellpath: CHALK 36C-2-XR (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1749.52	0.19	-36.47	-8.44	-43.66
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1749.52	0.19	-36.47	-8.44	-43.66
8.5in Open Hole	1750.00	20254.71	18504.71	1749.52	7140.00	-8.44	-43.66	-4111.95	-184.08

SURVEY PROGRAM - Offset Wellbore: CHALK 36C-2-XR PWB Offset Wellpath: CHALK 36C-2-XR (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 36C-2-XR PWB
1750.00	20254.71	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 36C-2-XR PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 36C-2-XR PWB Offset Wellpath: CHALK 36C-2-XR (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: Mobile Premix I35-23 AWB Offset Wellpath: Mobile Premix I35-23 AWP

Facility: SEC.35-T6N-R66W Slot: Slot #6 MOBILE PREMIX I35-23 Well: MOBILE PREMIX I35-23 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	30.00	-5664.34	1582.89	164.39	5881.41	25.57	239.03	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: Mobile Premix I35-23 AWB Offset Wellpath: Mobile Premix I35-23 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: Mobile Premix I35-23 AWB Offset Wellpath: Mobile Premix I35-23 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	16.00	536.00	520.00	46.00	565.97	-3452.95	965.04	-3451.62	964.64
8.625in Casing Surface	16.00	536.00	520.00	46.00	565.97	-3452.95	965.04	-3451.62	964.64
7.875in Open Hole	16.00	7577.00	7561.00	46.00	7326.24	-3452.95	965.04	-3830.62	730.60

## WELLPATH COMPOSITION - Offset Wellbore: Mobile Premix I35-23 AWB Offset Wellpath: Mobile Premix I35-23 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	7577.00	BHI MTC (Collar, pre-2000) (Standard)	Log #1	Mobile Premix I35-23 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: Mobile Premix I35-23 AWB Offset Wellpath: Mobile Premix I35-23 AWP

MD Reference: Ensign 7 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SRC BESTWAY B-2-11-14NBHBM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NBHBM AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#07 EX. SRC BESTWAY B-2-11-14NBHBM (2275'FNL&1139'FEL,PR/NBRR)			Well: SRC BESTWAY B-2-11-14NBHBM			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	99.50	86.00	-10581.86	981.70	174.70	10627.62	50.17	215.96	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SRC BESTWAY B-2-11-14NBHBM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NBHBM AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: SRC BESTWAY B-2-11-14NBHBM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NBHBM AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
13.50	15597.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC <101-15597>
15597.00	15654.00	Blind Drilling (std)	Projection to bit

OFFSET WELLPATH REFERENCE - Offset Wellbore: SRC BESTWAY B-2-11-14NBHBM AWB Offset Wellpath: SRC BESTWAY B-2-11-14NBHBM AWP	
MD Reference: Rig on SLOT#07 EX. SRC BESTWAY B-2-11-14NBHBM (2275'FNL&1139'FEL,PR/NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	13.50ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 20C-35-M PWB Offset Wellpath: CHALK 20C-35-M (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#33 CHALK 20C-35-M (2330'FNL & 2131'FEL, SEC.26)		Well: CHALK 20C-35-M		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-0.40	40.04	90.58	40.04	1.26	130.26	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-0.40	40.04	90.58	40.04	2.18	32.13	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-0.40	40.04	90.58	40.04	3.16	17.81	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-0.40	40.04	90.58	40.04	4.14	12.31	PASS
304.00†	304.00	0.00	0.00	302.96	303.96	-0.40	40.04	-14.92	40.04	4.18	12.15	PASS
404.00†	403.98	-0.50	1.82	401.59	402.57	-0.67	41.82	-15.25	40.03	5.54	8.54	PASS
504.00†	503.83	-1.94	7.00	500.23	501.07	-1.45	46.96	-16.17	40.06	7.46	6.02	PASS
522.02	521.80	-2.30	8.29	518.01	518.80	-1.64	48.24	-16.39	40.07	7.73	5.78	PASS
604.00†	603.53	-3.99	14.40	598.84	599.30	-2.73	55.44	-17.18	41.27	8.74	5.18	PASS
704.00†	703.23	-6.06	21.86	697.27	697.00	-4.51	67.23	-17.33	45.82	9.93	5.00	PASS
804.00†	802.93	-8.13	29.32	797.04	795.80	-6.58	80.94	-17.10	52.13	10.82	5.19	PASS
904.00†	902.63	-10.20	36.78	896.84	894.64	-8.64	94.65	-16.91	58.44	11.75	5.33	PASS
1004.00†	1002.33	-12.27	44.25	996.65	993.47	-10.71	108.36	-16.76	64.74	12.70	5.43	PASS
1104.00†	1102.03	-14.34	51.71	1096.45	1092.30	-12.78	122.07	-16.64	71.05	13.67	5.52	PASS
1204.00†	1201.73	-16.41	59.17	1196.25	1191.14	-14.85	135.78	-16.54	77.36	14.66	5.58	PASS
1304.00†	1301.43	-18.48	66.63	1296.05	1289.97	-16.92	149.49	-16.45	83.66	15.65	5.63	PASS
1404.00†	1401.13	-20.55	74.09	1395.85	1388.80	-18.99	163.20	-16.38	89.97	16.67	5.67	PASS
1504.00†	1500.83	-22.62	81.55	1495.65	1487.63	-21.05	176.91	-16.31	96.28	17.68	5.70	PASS
1604.00†	1600.53	-24.69	89.01	1595.45	1586.47	-23.12	190.62	-16.26	102.59	18.71	5.73	PASS
1704.00†	1700.23	-26.75	96.47	1695.25	1685.30	-25.19	204.33	-16.21	108.90	19.74	5.75	PASS
1804.00†	1799.93	-28.82	103.93	1795.05	1784.13	-27.26	218.04	-16.16	115.21	20.03	5.92	PASS
1904.00†	1899.63	-30.89	111.39	1894.85	1882.97	-29.33	231.75	-16.12	121.51	20.12	6.22	PASS
2004.00†	1999.33	-32.96	118.85	1994.65	1981.80	-31.40	245.46	-16.08	127.82	20.23	6.51	PASS
2104.00†	2099.03	-35.03	126.31	2094.45	2080.63	-33.46	259.17	-16.05	134.13	20.41	6.77	PASS
2204.00†	2198.73	-37.10	133.77	2194.25	2179.47	-35.53	272.88	-16.02	140.44	20.64	7.01	PASS
2304.00†	2298.43	-39.17	141.23	2294.06	2278.30	-37.60	286.59	-16.00	146.75	20.92	7.22	PASS

C-C Clearance Distance Cutoff: 150.00 ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 20C-35-M PWB Offset Wellpath: CHALK 20C-35-M (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: CHALK 20C-35-M PWB Offset Wellpath: CHALK 20C-35-M (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1739.52	-0.25	24.41	-8.15	76.78
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1739.52	-0.25	24.41	-8.15	76.78
8.5in Open Hole	1750.00	13727.00	11977.00	1739.52	7159.00	-8.15	76.78	-2106.84	294.56

## SURVEY PROGRAM - Offset Wellbore: CHALK 20C-35-M PWB Offset Wellpath: CHALK 20C-35-M (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 20C-35-M PWB
1750.00	13727.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 20C-35-M PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 20C-35-M PWB Offset Wellpath: CHALK 20C-35-M (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 36N-2C-XR PWB Offset Wellpath: CHALK 36N-2C-XR (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#27 CHALK 36N-2C-XR (2329'FNL & 2251'FEL, SEC.26)		Well: CHALK 36N-2C-XR		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	0.71	-79.85	-89.49	79.85	1.56	131.48	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	0.71	-79.85	-89.49	79.85	2.18	64.70	PASS
204.00†	204.00	0.00	0.00	203.90	203.90	0.71	-79.85	-89.49	79.85	3.16	35.89	PASS
300.00	300.00	0.00	0.00	297.46	297.45	0.07	-81.38	-89.95	81.42	4.32	23.99	PASS
304.00†	304.00	0.00	0.00	301.36	301.34	0.02	-81.50	164.51	81.55	4.37	23.69	PASS
404.00†	403.98	-0.50	1.82	399.83	399.69	-1.82	-85.89	163.60	87.82	5.72	18.28	PASS
504.00†	503.83	-1.94	7.00	499.32	499.04	-3.84	-90.72	163.29	97.85	7.14	15.69	PASS
522.02	521.80	-2.30	8.29	517.21	516.91	-4.20	-91.59	163.30	100.01	7.35	15.51	PASS
604.00†	603.53	-3.99	14.40	598.56	598.15	-5.85	-95.54	163.42	110.09	8.10	15.30	PASS
704.00†	703.23	-6.06	21.86	697.80	697.25	-7.87	-100.35	163.55	122.37	9.04	15.03	PASS
804.00†	802.93	-8.13	29.32	797.05	796.36	-9.88	-105.17	163.65	134.66	10.01	14.78	PASS
904.00†	902.63	-10.20	36.78	896.29	895.46	-11.90	-109.99	163.73	146.96	10.95	14.61	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 36N-2C-XR PWB Offset Wellpath: CHALK 36N-2C-XR (REV-B.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: CHALK 36N-2C-XR PWB Offset Wellpath: CHALK 36N-2C-XR (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1747.99	0.43	-48.68	-8.69	-70.49
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1747.99	0.43	-48.68	-8.69	-70.49
8.5in Open Hole	1750.00	20180.16	18430.16	1747.99	7041.00	-8.69	-70.49	-4119.15	-266.22



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

SURVEY PROGRAM - Offset Wellbore: CHALK 36N-2C-XR PWB    Offset Wellpath: CHALK 36N-2C-XR (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 36N-2C-XR PWB
1750.00	20180.16	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 36N-2C-XR PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 36N-2C-XR PWB    Offset Wellpath: CHALK 36N-2C-XR (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: BUNN I 35-14 AWB Offset Wellpath: BUNN I 35-14 AWP												
Facility: SEC.35-T06N-R66W		Slot: SLOT#03 EX. BUNN I 35-14 (494'FSL & 2243'FWL, PR / CODL / 7300'TD)			Well: BUNN I 35-14		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	17.00	-7843.34	-1044.71	-172.41	7912.62	25.57	321.59	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BUNN I 35-14 AWB Offset Wellpath: BUNN I 35-14 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: BUNN I 35-14 AWB Offset Wellpath: BUNN I 35-14 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7300.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7300>

OFFSET WELLPATH REFERENCE - Offset Wellbore: BUNN I 35-14 AWB Offset Wellpath: BUNN I 35-14 AWP	
MD Reference: Rig on SLOT#03 EX. BUNN I 35-14 (494'FSL & 2243'FWL, PR / CODL / 7300'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SRC BESTWAY 14-2-11-14CHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14CHZM AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#05 EX. SRC BESTWAY 14-2-11-14CHZM (2255'FNL&1141'FEL,PR/CLCDFH)			Well: SRC BESTWAY 14-2-11-14CHZM			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	24.88	11.38	-10562.98	981.35	174.69	10608.47	50.17	215.58	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SRC BESTWAY 14-2-11-14CHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14CHZM AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: SRC BESTWAY 14-2-11-14CHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14CHZM AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.50	11129.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC <101-11129>	SRC BESTWAY 14-2-11-14CHZM AWB
11129.00	11224.00	Blind Drilling (std)	Projection to bit	SRC BESTWAY 14-2-11-14CHZM AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: SRC BESTWAY 14-2-11-14CHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14CHZM AWP	
MD Reference: Rig on SLOT#05 EX. SRC BESTWAY 14-2-11-14CHZM (2255'FNL&1141'FEL,PR/CLCDFH) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	13.50ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SRC BESTWAY 14-2-11-14NAHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14NAHZM AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#06 EX. SRC BESTWAY 14-2-11-14NAHZM (2265'FNL&1139'FEL,PR/NBRR)			Well: SRC BESTWAY 14-2-11-14NAHZM			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	18.48	4.98	-10573.10	981.34	174.70	10618.54	50.17	215.79	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SRC BESTWAY 14-2-11-14NAHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14NAHZM AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: SRC BESTWAY 14-2-11-14NAHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14NAHZM AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.50	15604.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC <101-15604>	SRC BESTWAY 14-2-11-14NAHZM AWB
15604.00	15664.00	Blind Drilling (std)	Projection to bit	SRC BESTWAY 14-2-11-14NAHZM AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: SRC BESTWAY 14-2-11-14NAHZM AWB Offset Wellpath: SRC BESTWAY 14-2-11-14NAHZM AWP	
MD Reference: Rig on SLOT#06 EX. SRC BESTWAY 14-2-11-14NAHZM (2265'FNL&1139'FEL,PR/NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	13.50ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

Facility: SEC.08-T05N-R66W		Slot: SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled		Well: TC-COUNTRY CLUB WEST C1-9-11		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	20590.00	7136.23	-14723.51	-1385.65	-174.62	16418.60	685.78	23.97	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1583.00	1558.00	-65.00	1475.40	-10098.45	-9516.47	-10063.92	-9478.93
9.625in Casing Surface	25.00	1583.00	1558.00	-65.00	1475.40	-10098.45	-9516.47	-10063.92	-9478.93
8.5in Open Hole	1583.00	20590.00	19007.00	1475.40	7157.23	-10063.92	-9478.93	-9538.18	-5181.82

## WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2<300-1529>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
1529.00	7143.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD; STD ROTATING 8.75" HOLE <1662'-7143'>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
7143.00	20498.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI AUTOTRAK CURVE SURVEYS 8.5" HOLE <7263'-20498'>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
20498.00	20590.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB



**Clearance Report**  
**CHALK 37N-2C-XR (REV-B.0) PWP**  
**Closest Approach**  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB    Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: FEIT #26-10G6 AWB Offset Wellpath: FEIT #26-10G6 AWP

Facility: SEC.26-T06N-R66W Slot: SLOT#02 FEIT #26-10G6 (1977'FSL & 1989'FEL SEC.26,PR) Well: FEIT #26-10G6 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	4.00	-1106.81	385.97	160.78	1172.18	25.57	47.61	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: FEIT #26-10G6 AWB Offset Wellpath: FEIT #26-10G6 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: FEIT #26-10G6 AWB Offset Wellpath: FEIT #26-10G6 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.875in Open Hole	0.00	481.00	481.00	4.00	485.00	-674.71	235.29	-674.97	235.34
7in Casing Surface	0.00	481.00	481.00	4.00	485.00	-674.71	235.29	-674.97	235.34
6.25in Open Hole	481.00	7260.00	6779.00	485.00	7255.11	-674.97	235.34	-612.68	183.34
2.875in Casing Production	0.00	7260.00	7260.00	4.00	7255.11	-674.71	235.29	-612.68	183.34

## WELLPATH COMPOSITION - Offset Wellbore: FEIT #26-10G6 AWB Offset Wellpath: FEIT #26-10G6 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7000.00	BHI Generic gyro - continuous (Standard)	VES GYRO SURVEYS PROVIDED BY SRC (GRID CORRECTION +0.49DEGS) <100-7000>	FEIT #26-10G6 AWB
7000.00	7279.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7279' FROM CO WEBSITE>	FEIT #26-10G6 AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: FEIT #26-10G6 AWB    Offset Wellpath: FEIT #26-10G6 AWP	
MD Reference: Rig on SLOT#02 FEIT #26-10G6 (1977'FSL & 1989'FEL SEC.26,PR) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: FEIT BROTHERS #1-26 Offset Wellpath: FEIT BROTHERS #1-26												
Facility: SEC.26-T06N-R66W		Slot: SLOT#01 FEIT BROTHERS #1-26 (660'FSL & 2048'FEL SEC.26,PR)			Well: FEIT BROTHERS #1-26			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	10.00	-2345.48	230.14	174.40	2356.75	25.57	95.76	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: FEIT BROTHERS #1-26 Offset Wellpath: FEIT BROTHERS #1-26			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: FEIT BROTHERS #1-26 Offset Wellpath: FEIT BROTHERS #1-26									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	304.00	304.00	10.00	314.00	-1429.81	140.30	-1430.12	140.33
8.625in Casing Surface	0.00	304.00	304.00	10.00	314.00	-1429.81	140.30	-1430.12	140.33
7.875in Open Hole	304.00	7278.00	6974.00	314.00	7287.13	-1430.12	140.33	-1439.22	118.16
4.5in Casing Production	0.00	7278.00	7278.00	10.00	7287.13	-1429.81	140.30	-1439.22	118.16

WELLPATH COMPOSITION - Offset Wellbore: FEIT BROTHERS #1-26 Offset Wellpath: FEIT BROTHERS #1-26				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6900.00	BHI Generic gyro - continuous (Standard)	MS WIRELINE GYRO SURVEYS FROM SRC <100-6900>	FEIT BROTHERS #1-26
6900.00	7297.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7297' FROM CO WEBSITE>	FEIT BROTHERS #1-26



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: FEIT BROTHERS #1-26 Offset Wellpath: FEIT BROTHERS #1-26	
MD Reference: Rig on SLOT#01 FEIT BROTHERS #1-26 (660'FSL & 2048'FEL SEC.26,PR) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 20N-35B-M PWB Offset Wellpath: CHALK 20N-35B-M (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#34 CHALK 20N-35B-M (2331'FNL & 2111'FEL, SEC.26)		Well: CHALK 20N-35B-M		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-0.71	60.06	90.68	60.06	1.26	197.00	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-0.71	60.06	90.68	60.06	2.18	48.60	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-0.71	60.06	90.68	60.06	3.16	26.93	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-0.71	60.06	90.68	60.06	4.14	18.61	PASS
304.00†	304.00	0.00	0.00	302.94	303.94	-0.71	60.06	-14.83	60.06	4.18	18.38	PASS
404.00†	403.98	-0.50	1.82	400.90	401.88	-0.93	61.82	-15.09	60.04	5.53	12.93	PASS
504.00†	503.83	-1.94	7.00	498.86	499.70	-1.56	66.91	-15.83	60.05	7.45	9.10	PASS
522.02	521.80	-2.30	8.29	516.51	517.31	-1.71	68.18	-16.01	60.06	7.72	8.74	PASS
604.00†	603.53	-3.99	14.40	596.80	597.27	-2.60	75.30	-16.73	61.24	8.74	7.75	PASS
704.00†	703.23	-6.06	21.86	694.56	694.31	-4.05	86.98	-17.14	65.76	9.96	7.20	PASS
804.00†	802.93	-8.13	29.32	791.91	790.49	-5.89	101.87	-17.09	73.64	11.06	7.20	PASS
904.00†	902.63	-10.20	36.78	891.27	888.35	-8.01	118.93	-16.85	83.40	11.98	7.48	PASS
1004.00†	1002.33	-12.27	44.25	990.79	986.37	-10.13	136.02	-16.66	93.18	12.91	7.72	PASS
1104.00†	1102.03	-14.34	51.71	1090.31	1084.39	-12.25	153.12	-16.51	102.95	13.87	7.90	PASS
1204.00†	1201.73	-16.41	59.17	1189.83	1182.41	-14.37	170.21	-16.38	112.73	14.84	8.05	PASS
1304.00†	1301.43	-18.48	66.63	1289.35	1280.43	-16.49	187.30	-16.27	122.51	15.83	8.18	PASS
1404.00†	1401.13	-20.55	74.09	1388.87	1378.45	-18.61	204.40	-16.18	132.28	16.83	8.28	PASS
1504.00†	1500.83	-22.62	81.55	1488.39	1476.47	-20.73	221.49	-16.10	142.06	17.84	8.36	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 20N-35B-M PWB    Offset Wellpath: CHALK 20N-35B-M (REV-B.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: CHALK 20N-35B-M PWB Offset Wellpath: CHALK 20N-35B-M (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1734.13	-0.43	36.61	-8.23	99.51
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1734.13	-0.43	36.61	-8.23	99.51
8.5in Open Hole	1750.00	13573.24	11823.24	1734.13	6971.00	-8.23	99.51	-2106.48	358.78

SURVEY PROGRAM - Offset Wellbore: CHALK 20N-35B-M PWB Offset Wellpath: CHALK 20N-35B-M (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 20N-35B-M PWB
1750.00	13573.24	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 20N-35B-M PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 20N-35B-M PWB Offset Wellpath: CHALK 20N-35B-M (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: FLATHEAD 1-35 AWB Offset Wellpath: FLATHEAD 1-35 AWP

Facility: SEC.35-T6N-R66W Slot: SLOT#10 EX. FLATHEAD 1-35 (2010'FSL & 2040'FWL, SI / CODL / 7278'TD) Well: FLATHEAD 1-35 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	25.00	-6376.96	-1287.09	-168.59	6505.59	25.57	264.40	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: FLATHEAD 1-35 AWB Offset Wellpath: FLATHEAD 1-35 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: FLATHEAD 1-35 AWB Offset Wellpath: FLATHEAD 1-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7278.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7278>	FLATHEAD 1-35 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: FLATHEAD 1-35 AWB Offset Wellpath: FLATHEAD 1-35 AWP

MD Reference: Rig on SLOT#10 EX. FLATHEAD 1-35 (2010'FSL & 2040'FWL, SI / CODL / 7278'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 36N-26B-M AWB Offset Wellpath: BEEBE 36N-26B-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 10 BEEBE 36N-26B-M (422'FNL & 2275'FWL SEC.34) Well: BEEBE 36N-26B-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	23.10	3.10	-3337.85	-6281.49	-117.99	7113.25	50.17	144.55	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 36N-26B-M AWB Offset Wellpath: BEEBE 36N-26B-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 36N-26B-M AWB Offset Wellpath: BEEBE 36N-26B-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1773.00	1753.00	16.00	1743.60	-2034.26	-3829.45	-2004.00	-3884.26
9.625in Casing Surface	20.00	1773.00	1753.00	16.00	1743.60	-2034.26	-3829.45	-2004.00	-3884.26
8.5in Open Hole	1773.00	14220.00	12447.00	1743.60	7045.96	-2004.00	-3884.26	-1753.76	-2085.36

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 36N-26B-M AWB Offset Wellpath: BEEBE 36N-26B-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1728.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5 (STD ROTATING, AXIAL, ROCKIES GT)<108-1728>	BEEBE 36N-26B-M AWB
1728.00	14197.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model) <1804'-14197>	BEEBE 36N-26B-M AWB
14197.00	14220.00	Blind Drilling (std)	Projection to bit	BEEBE 36N-26B-M AWB





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 36N-26B-M AWP    Offset Wellpath: BEEBE 36N-26B-M AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. KISSLER AMEN 1-26 AWB Offset Wellpath: EX. KISSLER AMEN 1-26 AWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#09 EX. KISSLER AMEN 1-26 (1425'FNL & 660'FEL, PR/NB-CD)		Well: EX. KISSLER AMEN 1-26		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	864.18	1512.91	60.27	1742.33	50.18	35.38	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. KISSLER AMEN 1-26 AWB Offset Wellpath: EX. KISSLER AMEN 1-26 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. KISSLER AMEN 1-26 AWB Offset Wellpath: EX. KISSLER AMEN 1-26 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7256.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7256>
		Wellbore	
		EX. KISSLER AMEN 1-26 AWB	

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. KISSLER AMEN 1-26 AWB Offset Wellpath: EX. KISSLER AMEN 1-26 AWP	
MD Reference: Rig on SLOT#09 EX. KISSLER AMEN 1-26 (1425'FNL & 660'FEL, PR/NB-CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: MOBILE PREMIX 2-35 AWB Offset Wellpath: MOBILE PREMIX 2-35 AWP

Facility: SEC.35-T6N-R66W Slot: SLOT#11 EX. MOBILE PREMIX 2-35 (679'FNL & 2046'FWL, PA / CODL / 7258'TD) Well: MOBILE PREMIX 2-35 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	23.00	-3697.06	-1236.57	-161.51	3898.43	25.57	158.42	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: MOBILE PREMIX 2-35 AWB Offset Wellpath: MOBILE PREMIX 2-35 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: MOBILE PREMIX 2-35 AWB Offset Wellpath: MOBILE PREMIX 2-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7258.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7258>	MOBILE PREMIX 2-35 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: MOBILE PREMIX 2-35 AWB Offset Wellpath: MOBILE PREMIX 2-35 AWP

MD Reference: Rig on SLOT#11 EX. MOBILE PREMIX 2-35 (679'FNL & 2046'FWL, PA / CODL / 7258'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



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CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 14N-26B-M AWB Offset Wellpath: BEEBE 14N-26B-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 08 BEEBE 14N-26B-M (382'FNL & 2275'FWL SEC.34) Well: BEEBE 14N-26B-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	24.00	4.00	-3297.77	-6281.25	-117.70	7094.32	50.17	144.16	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 14N-26B-M AWB Offset Wellpath: BEEBE 14N-26B-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 14N-26B-M AWB Offset Wellpath: BEEBE 14N-26B-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1744.00	1724.00	16.00	1708.81	-2009.84	-3829.30	-1965.42	-3885.10
9.625in Casing Surface	20.00	1809.00	1789.00	16.00	1769.78	-2009.84	-3829.30	-1960.99	-3890.34
8.5in Open Hole	1744.00	14285.00	12541.00	1708.81	7058.54	-1965.42	-3885.10	-1598.23	-2080.62

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 14N-26B-M AWB Offset Wellpath: BEEBE 14N-26B-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1744.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/ EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1744>	BEEBE 14N-26B-M AWB
1744.00	14210.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	CUSTOM BHI AUTOTRAK CURVE (IFR1, SHORT) (ROCKIES 0.03GT MODEL) <1836'-14210'>	BEEBE 14N-26B-M AWB
14210.00	14285.00	Blind Drilling (std)	Projection to bit	BEEBE 14N-26B-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 14N-26B-M AWP		Offset Wellpath: BEEBE 14N-26B-M AWP
MD Reference: PRECISION 462 (20') (RKB)		Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD		20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 36N-26C-M ST01 AWB Offset Wellpath: BEEBE 36N-26C-M ST01 AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 12 BEEBE 36N-26C-M (462'FNL & 2247'FWL SEC.34) Well: BEEBE 36N-26C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	22.17	2.17	-3377.92	-6281.81	-118.27	7132.43	50.17	144.94	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 36N-26C-M ST01 AWB Offset Wellpath: BEEBE 36N-26C-M ST01 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 36N-26C-M ST01 AWB Offset Wellpath: BEEBE 36N-26C-M ST01 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1790.00	1770.00	16.00	1767.53	-2058.69	-3829.65	-2042.33	-3879.92
9.625in Casing Surface	20.00	1790.00	1770.00	16.00	1767.53	-2058.69	-3829.65	-2042.33	-3879.92
8.5in Open Hole	1790.00	6547.00	4757.00	1767.53	6285.67	-2042.33	-3879.92	-1888.29	-4300.83
8.5in Open Hole	6547.00	14335.00	7788.00	6285.67	7092.17	-1888.29	-4300.83	-1901.91	-2079.84

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 36N-26C-M ST01 AWB Offset Wellpath: BEEBE 36N-26C-M ST01 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1736.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" <106-1736>	BEEBE 36N-26C-M PILOT AWB
1736.00	6547.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) <1868'-7914'>	BEEBE 36N-26C-M PILOT AWB
6547.00	14304.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) <6639'-14304'>	BEEBE 36N-26C-M PILOT AWB
14304.00	14335.00	Blind Drilling (std)	Projection to bit	BEEBE 36N-26C-M PILOT AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 36N-26C-M ST01 AWB Offset Wellpath: BEEBE 36N-26C-M ST01 AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 36C-26-M AWB Offset Wellpath: BEEBE 36C-26-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 11 BEEBE 36C-26-M (442'FNL & 2274'FWL SEC.34) Well: BEEBE 36C-26-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	22.48	2.48	-3357.89	-6281.80	-118.13	7122.95	50.17	144.74	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 36C-26-M AWB Offset Wellpath: BEEBE 36C-26-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 36C-26-M AWB Offset Wellpath: BEEBE 36C-26-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1785.00	1765.00	16.00	1759.39	-2046.48	-3829.65	-2024.04	-3881.69
9.625in Casing Surface	20.00	1785.00	1765.00	16.00	1759.39	-2046.48	-3829.65	-2024.04	-3881.69
8.5in Open Hole	1785.00	14410.00	12625.00	1759.39	7229.50	-2024.04	-3881.69	-1826.70	-2081.65

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 36C-26-M AWB Offset Wellpath: BEEBE 36C-26-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1731.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5"(STD ROTATING, AXIAL, ROCKIES GT)<108-1731>	BEEBE 36C-26-M AWB
1731.00	14386.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1868-14386>	BEEBE 36C-26-M AWB
14386.00	14410.00	Blind Drilling (std)	Projection to bit	BEEBE 36C-26-M AWB





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 36C-26-M AWB    Offset Wellpath: BEEBE 36C-26-M AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 23N-26C-M AWB Offset Wellpath: BEEBE 23N-26C-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 06 BEEBE 23N-26C-M (342'FNL & 2275'FWL SEC.34) Well: BEEBE 23N-26C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	24.57	3.57	-3257.70	-6280.93	-117.41	7075.50	50.17	143.78	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 23N-26C-M AWB Offset Wellpath: BEEBE 23N-26C-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 23N-26C-M AWB Offset Wellpath: BEEBE 23N-26C-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1749.00	1729.00	15.00	1704.09	-1985.41	-3829.11	-1924.37	-3887.75
9.625in Casing Surface	20.00	1809.00	1789.00	15.00	1759.61	-1985.41	-3829.11	-1919.38	-3892.56
8.5in Open Hole	1749.00	14421.00	12672.00	1704.09	7114.44	-1924.37	-3887.75	-1459.78	-2080.43

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 23N-26C-M AWB Offset Wellpath: BEEBE 23N-26C-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1749.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5 (STD ROTATING, AXIAL, ROCKIES GT)<108-1749>	BEEBE 23N-26C-M AWB
1749.00	14398.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1867-14398>	BEEBE 23N-26C-M AWB
14398.00	14421.00	Blind Drilling (std)	Projection to bit	BEEBE 23N-26C-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 23N-26C-M AWP		Offset Wellpath: BEEBE 23N-26C-M AWP
MD Reference: PRECISION 462 (20') (RKB)		Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD		20.00ft



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CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 23C-26-M AWB Offset Wellpath: BEEEBE 23C-26-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 07 BEEBE 23C-26-M (362'FNL & 2275'FWL SEC.34) Well: BEEBE 23C-26-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	24.81	3.81	-3277.74	-6280.93	-117.56	7084.75	50.17	143.97	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 23C-26-M AWB Offset Wellpath: BEEEBE 23C-26-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 23C-26-M AWB Offset Wellpath: BEEEBE 23C-26-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1802.00	1782.00	15.00	1758.37	-1997.62	-3829.11	-1941.44	-3890.10
9.625in Casing Surface	20.00	1809.00	1789.00	15.00	1764.91	-1997.62	-3829.11	-1941.00	-3890.71
8.5in Open Hole	1802.00	14435.00	12633.00	1758.37	7220.00	-1941.44	-3890.10	-1533.86	-2083.85

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 23C-26-M AWB Offset Wellpath: BEEEBE 23C-26-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1728.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM (STD ROTATING, AXIAL, ROCKIES GT)<108-1728>	BEEBE 23C-26-M AWB
1728.00	14399.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1867-14399>	BEEBE 23C-26-M AWB
14399.00	14435.00	Blind Drilling (std)	Projection to bit	BEEBE 23C-26-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 23C-26-M AWB    Offset Wellpath: BEEEBE 23C-26-M AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 14C-26-M AWB Offset Wellpath: BEEBE 14C-26-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 09 BEEBE 14C-26-M (402'FNL & 2275'FWL SEC.34) Well: BEEBE 14C-26-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	23.23	3.23	-3317.81	-6281.25	-117.84	7103.66	50.17	144.35	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 14C-26-M AWB Offset Wellpath: BEEBE 14C-26-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 14C-26-M AWB Offset Wellpath: BEEBE 14C-26-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1728.00	1708.00	16.00	1698.09	-2022.05	-3829.31	-1986.62	-3881.29
9.625in Casing Surface	20.00	1772.00	1752.00	16.00	1739.53	-2022.05	-3829.31	-1984.01	-3884.97
8.5in Open Hole	1728.00	14412.00	12684.00	1698.09	7228.79	-1986.62	-3881.29	-1681.99	-2087.33

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 14C-26-M AWB Offset Wellpath: BEEBE 14C-26-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1728.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/ EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1728>	BEEBE 14C-26-M AWB
1728.00	14389.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1804-14389>	BEEBE 14C-26-M AWB
14389.00	14412.00	Blind Drilling (std)	Projection to bit	BEEBE 14C-26-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 14C-26-M AWB    Offset Wellpath: BEEBE 14C-26-M AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 11C-26-M AWB Offset Wellpath: BEEBE 11C-26-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 05 BEEBE 11C-26-M (322'FNL & 2275'FWL SEC.34) Well: BEEBE 11C-26-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	23.49	2.49	-3237.66	-6280.61	-117.27	7066.02	50.17	143.59	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 11C-26-M AWB Offset Wellpath: BEEBE 11C-26-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 11C-26-M AWB Offset Wellpath: BEEBE 11C-26-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1739.00	1719.00	15.00	1690.97	-1973.19	-3828.91	-1905.72	-3887.45
9.625in Casing Surface	20.00	1793.00	1773.00	15.00	1740.55	-1973.19	-3828.91	-1900.91	-3891.86
8.5in Open Hole	1739.00	14580.00	12841.00	1690.97	7218.93	-1905.72	-3887.45	-1368.71	-2083.58

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 11C-26-M AWB Offset Wellpath: BEEBE 11C-26-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1739.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1739>	BEEBE 11C-26-M AWB
1739.00	14557.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1866 - 14557>	BEEBE 11C-26-M AWB
14557.00	14580.00	Blind Drilling (std)	Projection to bit	BEEBE 11C-26-M AWB





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 11C-26-M AWB    Offset Wellpath: BEEBE 11C-26-M AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 11N-26C-M AWB Offset Wellpath: BEEBE 11N-26C-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 03 BEEBE 11N-26C-M (282'FNL & 2275'FWL SEC.34) Well: BEEBE 11N-26C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	25.60	4.60	-3197.89	-6280.37	-116.99	7047.66	50.17	143.21	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 11N-26C-M AWB Offset Wellpath: BEEBE 11N-26C-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 11N-26C-M AWB Offset Wellpath: BEEBE 11N-26C-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1751.00	1731.00	15.00	1688.58	-1948.95	-3828.76	-1861.82	-3889.88
9.625in Casing Surface	20.00	1800.00	1780.00	15.00	1732.73	-1948.95	-3828.76	-1856.67	-3893.80
8.5in Open Hole	1751.00	14617.00	12866.00	1688.58	7060.38	-1861.82	-3889.88	-1243.18	-2083.52

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 11N-26C-M AWB Offset Wellpath: BEEBE 11N-26C-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1751.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1751>	BEEBE 11N-26C-M AWB
1751.00	14584.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1865-14584>	BEEBE 11N-26C-M AWB
14584.00	14617.00	Blind Drilling (std)	Projection to bit	BEEBE 11N-26C-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 11N-26C-M AWP		Offset Wellpath: BEEBE 11N-26C-M AWP
MD Reference: PRECISION 462 (20') (RKB)		Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD		20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CHALK 9N-35C-M PWB Offset Wellpath: CHALK 9N-35C-M (REV-B.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#35 CHALK 9N-35C-M (2331'FNL & 2091'FEL, SEC.26) Well: CHALK 9N-35C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-0.71	80.16	90.51	80.16	1.26	263.99	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-0.71	80.16	90.51	80.16	2.18	65.12	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-0.71	80.16	90.51	80.16	3.16	36.09	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-0.71	80.16	90.51	80.16	4.14	24.94	PASS
304.00†	304.00	0.00	0.00	302.92	303.92	-0.71	80.16	-15.00	80.16	4.18	24.63	PASS
404.00†	403.98	-0.50	1.82	400.21	401.19	-0.89	81.90	-15.22	80.13	5.53	17.34	PASS
504.00†	503.83	-1.94	7.00	497.50	498.34	-1.41	86.93	-15.84	80.12	7.44	12.22	PASS
522.02	521.80	-2.30	8.29	515.03	515.83	-1.54	88.18	-16.00	80.12	7.72	11.72	PASS
604.00†	603.53	-3.99	14.40	594.77	595.25	-2.27	95.23	-16.64	81.27	8.73	10.34	PASS
704.00†	703.23	-6.06	21.86	691.86	691.64	-3.47	106.77	-17.12	85.74	9.95	9.43	PASS
804.00†	802.93	-8.13	29.32	788.56	787.20	-5.00	121.50	-17.27	93.56	11.06	9.17	PASS
904.00†	902.63	-10.20	36.78	884.65	881.60	-6.85	139.29	-17.15	104.70	12.14	9.28	PASS
1004.00†	1002.33	-12.27	44.25	983.57	978.42	-8.94	159.44	-16.94	117.70	13.08	9.63	PASS
1104.00†	1102.03	-14.34	51.71	1082.72	1075.47	-11.04	179.64	-16.76	130.71	14.02	9.94	PASS
1204.00†	1201.73	-16.41	59.17	1181.87	1172.52	-13.14	199.85	-16.62	143.72	14.98	10.18	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 9N-35C-M PWB Offset Wellpath: CHALK 9N-35C-M (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: CHALK 9N-35C-M PWB Offset Wellpath: CHALK 9N-35C-M (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1728.60	-0.43	48.86	-7.89	120.63
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1728.60	-0.43	48.86	-7.89	120.63
8.5in Open Hole	1750.00	13686.14	11936.14	1728.60	7057.00	-7.89	120.63	-2106.03	427.52



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

SURVEY PROGRAM - Offset Wellbore: CHALK 9N-35C-M PWB    Offset Wellpath: CHALK 9N-35C-M (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 9N-35C-M PWB
1750.00	13686.14	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 9N-35C-M PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 9N-35C-M PWB    Offset Wellpath: CHALK 9N-35C-M (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 25C-26-M AWB Offset Wellpath: BEEBE 25C-26-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 02 BEEBE 25C-26-M (262'FNL & 2276'FWL SEC.34) Well: BEEBE 25C-26-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	23.33	2.33	-3177.85	-6280.06	-116.84	7038.32	50.17	143.02	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 25C-26-M AWB Offset Wellpath: BEEBE 25C-26-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 25C-26-M AWB Offset Wellpath: BEEBE 25C-26-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1766.00	1746.00	15.00	1697.19	-1936.73	-3828.57	-1840.47	-3890.14
9.625in Casing Surface	20.00	1813.00	1793.00	15.00	1739.32	-1936.73	-3828.57	-1835.26	-3893.77
8.5in Open Hole	1766.00	14766.00	13000.00	1697.19	N/A	-1840.47	-3890.14	N/A	N/A

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 25C-26-M AWB Offset Wellpath: BEEBE 25C-26-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1766.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5"(STD ROTATING, AXIAL, ROCKIES GT)<108-1766>	BEEBE 25C-26-M AWB
1766.00	14742.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1865-14742>	BEEBE 25C-26-M AWB
14742.00	14765.00	Blind Drilling (std)	Projection to bit	BEEBE 25C-26-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 25C-26-M AWB    Offset Wellpath: BEEBE 25C-26-M AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 25N-26B-M AWB Offset Wellpath: BEEBE 25N-26B-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 01 BEEBE 25N-26B-M (242'FNL & 2276'FWL SEC.34) Well: BEEBE 25N-26B-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	14690.00	6932.76	-373.27	-556.64	-123.85	6961.10	116.45	60.25	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 25N-26B-M AWB Offset Wellpath: BEEBE 25N-26B-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 25N-26B-M AWB Offset Wellpath: BEEBE 25N-26B-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1761.00	1741.00	15.00	1683.71	-1924.52	-3828.56	-1819.72	-3892.38
9.625in Casing Surface	20.00	1808.00	1788.00	15.00	1724.55	-1924.52	-3828.56	-1813.68	-3896.09
8.5in Open Hole	1761.00	14690.00	12929.00	1683.71	6948.76	-1819.72	-3892.38	-1076.23	-2083.85

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 25N-26B-M AWB Offset Wellpath: BEEBE 25N-26B-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1761.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<113-1766>	BEEBE 25N-26B-M AWB
1761.00	14667.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1865-14667>	BEEBE 25N-26B-M AWB
14667.00	14690.00	Blind Drilling (std)	Projection to bit	BEEBE 25N-26B-M AWB





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 25N-26B-M AWP		Offset Wellpath: BEEBE 25N-26B-M AWP
MD Reference: PRECISION 462 (20') (RKB)		Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD		20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BUNN I 35-25 AWB Offset Wellpath: BUNN I 35-25 AWP

Facility: SEC.35-T06N-R66W Slot: SLOT#04 EX. BUNN I 35-25 (1130'FSL & 1510'FWL, PR/CODL/ 7300'TD) Well: BUNN I 35-25 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	21.00	-7183.52	-1790.67	-166.00	7403.36	25.57	300.89	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BUNN I 35-25 AWB Offset Wellpath: BUNN I 35-25 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: BUNN I 35-25 AWB Offset Wellpath: BUNN I 35-25 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7300.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7300>	BUNN I 35-25 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BUNN I 35-25 AWB Offset Wellpath: BUNN I 35-25 AWP

MD Reference: Rig on SLOT#04 EX. BUNN I 35-25 (1130'FSL & 1510'FWL, PR/CODL/ 7300'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. W JONES 26-2G6 AWB Offset Wellpath: EX. W JONES 26-2G6 AWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#07 EX. W JONES 26-2G6 (659'FNL & 1991'FEL, SI/CODL)		Well: EX. W JONES 26-2G6		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	1697.69	156.92	5.28	1704.93	50.18	34.62	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. W JONES 26-2G6 AWB Offset Wellpath: EX. W JONES 26-2G6 AWP				
Slot Surface Uncertainty @1SD		Horizontal		0.100ft
Facility Surface Uncertainty @1SD		Horizontal		8.200ft

WELLPATH COMPOSITION - Offset Wellbore: EX. W JONES 26-2G6 AWB Offset Wellpath: EX. W JONES 26-2G6 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7244.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7244>	EX. W JONES 26-2G6 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. W JONES 26-2G6 AWB Offset Wellpath: EX. W JONES 26-2G6 AWP	
MD Reference: Rig on SLOT#07 EX. W JONES 26-2G6 (659'FNL & 1991'FEL, SI/CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CS-BITTERSWEET C1-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET C1-1-13 AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#09 CS-BITTERSWEET C1-1-13 (341'FSL & 2063'FEL, SEC.36 -DG) Well: CS-BITTERSWEET C1-1-13 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2705.24	2495.51	-7996.69	4414.00	151.10	9467.74	63.10	152.35	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CS-BITTERSWEET C1-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET C1-1-13 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: CS-BITTERSWEET C1-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET C1-1-13 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	21332.14	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <100-21332.14>	CS-BITTERSWEET C1-1-13 AWB (DG)

## OFFSET WELLPATH REFERENCE - Offset Wellbore: CS-BITTERSWEET C1-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET C1-1-13 AWP

MD Reference: Rig on SLOT#09 CS-BITTERSWEET C1-1-13 (341'FSL & 2063'FEL, SEC.36 -DG) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP												
Facility: SEC.08-T05N-R66W		Slot: SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled			Well: TC-COUNTRY CLUB WEST C1-9-11			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	19576.00	7134.94	-14666.66	-2386.56	-170.76	16482.01	629.82	26.21	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2<300-1529>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
1529.00	6764.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD; STD ROTATING 8.75" HOLE <1662'-7143'>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
6764.00	19173.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI AUTOTRAK CURVE SHORT ROCKIES 8.5" <6885-19173>	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWB
19173.00	19576.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CHALK 9C-35-M PWB Offset Wellpath: CHALK 9C-35-M (REV-B.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#36 CHALK 9C-35-M (2331'FNL & 2071'FEL, SEC.26)		Well: CHALK 9C-35-M		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-1.11	100.18	90.64	100.18	1.26	330.74	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-1.11	100.18	90.64	100.18	2.18	81.59	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-1.11	100.18	90.64	100.18	3.16	45.22	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-1.11	100.18	90.64	100.18	4.14	31.25	PASS
304.00†	304.00	0.00	0.00	302.90	303.90	-1.11	100.18	-14.86	100.18	4.18	30.85	PASS
404.00†	403.98	-0.50	1.82	399.53	400.51	-1.26	101.90	-15.06	100.14	5.53	21.74	PASS
504.00†	503.83	-1.94	7.00	496.16	497.01	-1.70	106.87	-15.60	100.10	7.43	15.32	PASS
522.02	521.80	-2.30	8.29	513.58	514.38	-1.81	108.11	-15.73	100.10	7.71	14.70	PASS
604.00†	603.53	-3.99	14.40	592.77	593.26	-2.43	115.07	-16.31	101.20	8.72	12.93	PASS
704.00†	703.23	-6.06	21.86	689.21	689.02	-3.43	126.48	-16.81	105.61	9.95	11.65	PASS
804.00†	802.93	-8.13	29.32	785.27	783.95	-4.72	141.02	-17.08	113.35	11.04	11.15	PASS
904.00†	902.63	-10.20	36.78	880.73	877.76	-6.27	158.61	-17.13	124.40	12.14	11.04	PASS
1004.00†	1002.33	-12.27	44.25	975.45	970.21	-8.08	179.13	-17.02	138.72	13.20	11.26	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 9C-35-M PWB Offset Wellpath: CHALK 9C-35-M (REV-B.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: CHALK 9C-35-M PWB Offset Wellpath: CHALK 9C-35-M (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1723.42	-0.68	61.07	-7.64	139.95
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1723.42	-0.68	61.07	-7.64	139.95
8.5in Open Hole	1750.00	13845.97	12095.97	1723.42	7160.00	-7.64	139.95	-2105.60	499.71



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

SURVEY PROGRAM - Offset Wellbore: CHALK 9C-35-M PWB    Offset Wellpath: CHALK 9C-35-M (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 9C-35-M PWB
1750.00	13845.97	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 9C-35-M PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 9C-35-M PWB    Offset Wellpath: CHALK 9C-35-M (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: KISSLER-AMEN ET AL 1-25 AWB Offset Wellpath: KISSLER-AMEN ET AL 1-25 AWP

Facility: SEC.25-T06N-R66W Slot: SLOT#02 EX. KISSLER-AMEN ET AL 1-25 (772'FSL & 660'FWL, PR/CODL/7281'TD) Well: KISSLER-AMEN ET AL 1-25 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	6.00	-2108.51	2851.70	126.48	3546.55	25.57	144.12	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: KISSLER-AMEN ET AL 1-25 AWB Offset Wellpath: KISSLER-AMEN ET AL 1-25 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: KISSLER-AMEN ET AL 1-25 AWB Offset Wellpath: KISSLER-AMEN ET AL 1-25 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7281.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUEMD VERTICAL TO TD FROM COGCC <7281>	KISSLER-AMEN ET AL 1-25 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: KISSLER-AMEN ET AL 1-25 AWB Offset Wellpath: KISSLER-AMEN ET AL 1-25 AWP

MD Reference: Rig on SLOT#02 EX. KISSLER-AMEN ET AL 1-25 (772'FSL & 660'FWL, PR/CODL/7281'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: RUSTY #1-26 AWB Offset Wellpath: RUSTY #1-26 AWP

Facility: SEC.26-T06N-R66W Slot: SLOT#05 RUSTY #1-26 (460'FSL & 2063'FWL SEC.26,PA) Well: RUSTY #1-26 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	23.00	-2497.38	-1118.79	-155.87	2736.59	25.56	111.20	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: RUSTY #1-26 AWB Offset Wellpath: RUSTY #1-26 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: RUSTY #1-26 AWB Offset Wellpath: RUSTY #1-26 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	304.00	304.00	23.00	327.00	-1522.39	-682.05	-1522.39	-682.05
8.625in Casing Surface	0.00	304.00	304.00	23.00	327.00	-1522.39	-682.05	-1522.39	-682.05
7.875in Open Hole	304.00	7278.00	6974.00	327.00	7301.00	-1522.39	-682.05	-1522.39	-682.05
4.5in Casing Production	0.00	7278.00	7278.00	23.00	7301.00	-1522.39	-682.05	-1522.39	-682.05

## WELLPATH COMPOSITION - Offset Wellbore: RUSTY #1-26 AWB Offset Wellpath: RUSTY #1-26 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7288.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7288' FROM CO WEBSITE>	RUSTY #1-26 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: RUSTY #1-26 AWB Offset Wellpath: RUSTY #1-26 AWP

MD Reference: Rig on SLOT#05 RUSTY #1-26 (460'FSL & 2063'FWL SEC.26,PA) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CS-BITTERSWEET 3-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET 3-1-13 AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#04 CS-BITTERSWEET 3-1-13 (341'FSL & 2056'FEL, SEC.36 -DG)		Well: CS-BITTERSWEET 3-1-13		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2785.17	2580.54	-8019.50	4443.10	151.01	9523.24	62.63	154.41	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CS-BITTERSWEET 3-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET 3-1-13 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: CS-BITTERSWEET 3-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET 3-1-13 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	21114.77	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <100-21114.77>
			Wellbore
			CS-BITTERSWEET 3-1-13 AWB (DG)

OFFSET WELLPATH REFERENCE - Offset Wellbore: CS-BITTERSWEET 3-1-13 AWB (DG) Offset Wellpath: CS-BITTERSWEET 3-1-13 AWP	
MD Reference: Rig on SLOT#04 CS-BITTERSWEET 3-1-13 (341'FSL & 2056'FEL, SEC.36 -DG) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 11N-26A-M AWB Offset Wellpath: BEEBE 11N-26A-M AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 04 BEEBE 11N-26A-M (302'FNL & 2275'FWL SEC.34) Well: BEEBE 11N-26A-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	23.11	2.11	-3217.93	-6280.38	-117.13	7056.78	50.17	143.40	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 11N-26A-M AWB Offset Wellpath: BEEBE 11N-26A-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 11N-26A-M AWB Offset Wellpath: BEEBE 11N-26A-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1756.00	1736.00	15.00	1699.08	-1961.16	-3828.77	-1882.52	-3890.62
9.625in Casing Surface	20.00	1809.00	1789.00	15.00	1746.90	-1961.16	-3828.77	-1877.30	-3895.24
8.5in Open Hole	1756.00	14510.00	12754.00	1699.08	6978.35	-1882.52	-3890.62	-1307.32	-2090.73

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 11N-26A-M AWB Offset Wellpath: BEEBE 11N-26A-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1756.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5 (STD ROTATING, AXIAL, ROCKIES GT)<108-1756>	BEEBE 11N-26A-M AWB
1756.00	14487.00	Custom BHI AutoTrak Curve (IFR1) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, ROCKIES GT)<1835-14487>	BEEBE 11N-26A-M AWB
14487.00	14510.00	Blind Drilling (std)	Projection to bit	BEEBE 11N-26A-M AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 11N-26A-M AWP		Offset Wellpath: BEEBE 11N-26A-M AWP
MD Reference: PRECISION 462 (20') (RKB)		Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD		20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: Mobile Premix I35-1 AWB Offset Wellpath: Mobile Premix I35-1 AWP

Facility: SEC.35-T6N-R66W Slot: Slot #9 MOBILE PREMIX I35-1 Well: MOBILE PREMIX I35-1 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	30.00	-5602.41	1588.46	164.17	5823.30	25.57	236.66	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: Mobile Premix I35-1 AWB Offset Wellpath: Mobile Premix I35-1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: Mobile Premix I35-1 AWB Offset Wellpath: Mobile Premix I35-1 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	16.00	541.00	525.00	46.00	571.00	-3415.20	968.43	-3415.58	968.50
8.625in Casing Surface	16.00	541.00	525.00	46.00	571.00	-3415.20	968.43	-3415.58	968.50
7.875in Open Hole	16.00	7681.00	7665.00	46.00	7308.37	-3415.20	968.43	-2801.33	937.76

## WELLPATH COMPOSITION - Offset Wellbore: Mobile Premix I35-1 AWB Offset Wellpath: Mobile Premix I35-1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	7681.00	BHI MTC (Collar, pre-2000) (Standard)	Log #1	Mobile Premix I35-1 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: Mobile Premix I35-1 AWB Offset Wellpath: Mobile Premix I35-1 AWP

MD Reference: Ensign 7 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CHALK 39N-35A-M PWB Offset Wellpath: CHALK 39N-35A-M (REV-B.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#37 CHALK 39N-35A-M (2331'FNL & 2051'FEL, SEC.26) Well: CHALK 39N-35A-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-1.11	120.20	90.53	120.20	1.26	397.47	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-1.11	120.20	90.53	120.20	2.18	98.05	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-1.11	120.20	90.53	120.20	3.16	54.34	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-1.11	120.20	90.53	120.20	4.14	37.55	PASS
304.00†	304.00	0.00	0.00	302.88	303.88	-1.11	120.20	-14.97	120.20	4.18	37.08	PASS
404.00†	403.98	-0.50	1.82	398.86	399.84	-1.25	121.90	-15.14	120.15	5.52	26.16	PASS
504.00†	503.83	-1.94	7.00	494.84	495.69	-1.64	126.80	-15.61	120.08	7.42	18.45	PASS
522.02	521.80	-2.30	8.29	512.14	512.95	-1.73	128.03	-15.73	120.07	7.70	17.69	PASS
524.58†	524.35	-2.35	8.48	514.70	515.50	-1.75	128.22	-15.74	120.07	7.73	17.61	PASS
604.00†	603.53	-3.99	14.40	590.81	591.31	-2.28	134.90	-16.24	121.13	8.70	15.53	PASS
704.00†	703.23	-6.06	21.86	686.61	686.44	-3.18	146.16	-16.71	125.46	9.94	13.87	PASS
804.00†	802.93	-8.13	29.32	782.04	780.76	-4.32	160.53	-17.00	133.12	11.02	13.14	PASS
904.00†	902.63	-10.20	36.78	876.88	873.99	-5.70	177.90	-17.11	144.07	12.12	12.83	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 39N-35A-M PWB Offset Wellpath: CHALK 39N-35A-M (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: CHALK 39N-35A-M PWB Offset Wellpath: CHALK 39N-35A-M (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1715.53	-0.68	73.27	-7.68	161.36
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1715.53	-0.68	73.27	-7.68	161.36
8.5in Open Hole	1750.00	13601.47	11851.47	1715.53	6870.00	-7.68	161.36	-2105.15	578.78



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

SURVEY PROGRAM - Offset Wellbore: CHALK 39N-35A-M PWB    Offset Wellpath: CHALK 39N-35A-M (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 39N-35A-M PWB
1750.00	13601.47	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 39N-35A-M PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 39N-35A-M PWB    Offset Wellpath: CHALK 39N-35A-M (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CS-SCOTT 1-1-12 AWB (DG) Offset Wellpath: CS-SCOTT 1-1-12 AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#07 CS-SCOTT 1-1-12 (341'FSL & 2048'FEL, SEC.36 -SI) Well: CS-SCOTT 1-1-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	32.00	-7948.05	5404.97	145.78	9611.76	25.57	390.66	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CS-SCOTT 1-1-12 AWB (DG) Offset Wellpath: CS-SCOTT 1-1-12 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: CS-SCOTT 1-1-12 AWB (DG) Offset Wellpath: CS-SCOTT 1-1-12 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	15437.96	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <100-15437.96>	CS-SCOTT 1-1-12 AWB (DG)

## OFFSET WELLPATH REFERENCE - Offset Wellbore: CS-SCOTT 1-1-12 AWB (DG) Offset Wellpath: CS-SCOTT 1-1-12 AWP

MD Reference: Rig on SLOT#07 CS-SCOTT 1-1-12 (341'FSL & 2048'FEL, SEC.36 -SI) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CHALK 39N-35C-M PWB Offset Wellpath: CHALK 39N-35C-M (REV-B.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#38 CHALK 39N-35C-M (2331'FNL & 2031'FEL, SEC.26) Well: CHALK 39N-35C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	-1.52	140.22	90.62	140.23	1.26	464.21	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	-1.52	140.22	90.62	140.23	2.18	114.51	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	-1.52	140.22	90.62	140.23	3.16	63.47	PASS
300.00	300.00	0.00	0.00	299.00	300.00	-1.52	140.22	90.62	140.23	4.14	43.86	PASS
304.00†	304.00	0.00	0.00	302.86	303.86	-1.52	140.22	-14.88	140.23	4.18	43.31	PASS
404.00†	403.98	-0.50	1.82	398.20	399.18	-1.64	141.90	-15.03	140.17	5.52	30.58	PASS
504.00†	503.83	-1.94	7.00	493.54	494.40	-1.98	146.74	-15.45	140.06	7.41	21.58	PASS
522.02	521.80	-2.30	8.29	510.73	511.54	-2.07	147.95	-15.55	140.04	7.69	20.68	PASS
526.25†	526.02	-2.39	8.60	514.70	515.50	-2.09	148.24	-15.58	140.03	7.74	20.53	PASS
604.00†	603.53	-3.99	14.40	588.87	589.38	-2.55	154.73	-16.01	141.05	8.69	18.14	PASS
704.00†	703.23	-6.06	21.86	684.04	683.89	-3.35	165.86	-16.46	145.31	9.93	16.10	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CHALK 39N-35C-M PWB Offset Wellpath: CHALK 39N-35C-M (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: CHALK 39N-35C-M PWB Offset Wellpath: CHALK 39N-35C-M (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1711.33	-0.92	85.48	-7.51	177.88
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1711.33	-0.92	85.48	-7.51	177.88
8.5in Open Hole	1750.00	13838.71	12088.71	1711.33	7069.00	-7.51	177.88	-2104.71	655.90



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

SURVEY PROGRAM - Offset Wellbore: CHALK 39N-35C-M PWB    Offset Wellpath: CHALK 39N-35C-M (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		CHALK 39N-35C-M PWB
1750.00	13838.71	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		CHALK 39N-35C-M PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: CHALK 39N-35C-M PWB    Offset Wellpath: CHALK 39N-35C-M (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: Mobile Premix I35-8 AWB Offset Wellpath: Mobile Premix I35-8 PWP

Facility: SEC.35-T6N-R66W Slot: Slot #4 MOBILE PREMIX I35-8 Well: MOBILE PREMIX I35-8 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	30.00	-5602.41	1610.72	163.96	5829.41	25.57	236.91	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: Mobile Premix I35-8 AWB Offset Wellpath: Mobile Premix I35-8 PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: Mobile Premix I35-8 AWB Offset Wellpath: Mobile Premix I35-8 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	16.00	514.00	498.00	46.00	544.00	-3415.19	982.01	-3415.07	982.58
8.625in Casing Surface	16.00	514.00	498.00	46.00	544.00	-3415.19	982.01	-3415.07	982.58
7.875in Open Hole	16.00	7381.00	7365.00	46.00	7338.16	-3415.19	982.01	-3174.28	980.52

## WELLPATH COMPOSITION - Offset Wellbore: Mobile Premix I35-8 AWB Offset Wellpath: Mobile Premix I35-8 PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	7381.00	BHI MTC (Collar, pre-2000) (Standard)	Log #1	Mobile Premix I35-8 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: Mobile Premix I35-8 AWB Offset Wellpath: Mobile Premix I35-8 PWP

MD Reference: Ensign 7 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: FLATIRONS I #36-4 AWB Offset Wellpath: FLATIRONS I #36-4 AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#01 EX. FLATIRONS I #36-4(592'FNL & 636'FWL,SEC.36)VERT-PR-7290'TD Well: FLATIRONS I #36-4 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	28.00	-3575.29	2820.95	141.73	4554.23	25.57	185.08	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: FLATIRONS I #36-4 AWB Offset Wellpath: FLATIRONS I #36-4 AWP

Slot Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft
Facility Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: FLATIRONS I #36-4 AWB Offset Wellpath: FLATIRONS I #36-4 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.625in Casing	10.00	537.00	527.00	38.00	565.00	-2179.40	1719.77	-2179.40	1719.77
4.5in Casing	10.00	7264.00	7254.00	38.00	7292.00	-2179.40	1719.77	-2179.40	1719.77

## WELLPATH COMPOSITION - Offset Wellbore: FLATIRONS I #36-4 AWB Offset Wellpath: FLATIRONS I #36-4 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
10.00	7290.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL FROM COGCC<7290>	FLATIRONS I #36-4 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: FLATIRONS I #36-4 AWB Offset Wellpath: FLATIRONS I #36-4 AWP

MD Reference: RIG (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	10.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: WESTMOOR 5 #2-6-2 AWB Offset Wellpath: WESTMOOR 5 #2-6-2 AWP												
Facility: SEC.02-T05N-R66W		Slot: SLOT#09 EX. WESTMOOR 5 #2-6-2 (2313'FNL&1240'FEL,SI/NB-CD/8338"TD)			Well: WESTMOOR 5 #2-6-2		Threshold Value=1.00		† = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	16.10	3.10	-10619.05	887.22	175.22	10656.05	50.17	216.55	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: WESTMOOR 5 #2-6-2 AWB Offset Wellpath: WESTMOOR 5 #2-6-2 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: WESTMOOR 5 #2-6-2 AWB Offset Wellpath: WESTMOOR 5 #2-6-2 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	8296.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC <124-8296>	WESTMOOR 5 #2-6-2 AWB
8296.00	8338.00	Blind Drilling (std)	Projection to bit	WESTMOOR 5 #2-6-2 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: WESTMOOR 5 #2-6-2 AWB Offset Wellpath: WESTMOOR 5 #2-6-2 AWP	
MD Reference: Rig on SLOT#09 EX. WESTMOOR 5 #2-6-2 (2313'FNL&1240'FEL,SI/NB-CD/8338"TD) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	13.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 22-25 AWB Offset Wellpath: GERRY 22-25 AWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#03 EX. GERRY 22-25 (1980'FNL & 1980'FWL, SI /NB-CD / 7335'TD)			Well: GERRY 22-25		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	4.00	336.23	4153.72	85.37	4167.31	50.19	84.63	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 22-25 AWB Offset Wellpath: GERRY 22-25 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 22-25 AWB Offset Wellpath: GERRY 22-25 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7335.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7335'>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 22-25 AWB Offset Wellpath: GERRY 22-25 AWP	
MD Reference: Rig on SLOT#03 EX. GERRY 22-25 (1980'FNL & 1980'FWL, SI /NB-CD / 7335'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: CS-SHERWOOD 1-1-13 AWB (DG) Offset Wellpath: CS-SHERWOOD 1-1-13 AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#08 CS-SHERWOOD 1-1-13 (340'FSL & 1968'FEL, SEC.36 -DG) Well: CS-SHERWOOD 1-1-13 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	32.00	-7948.03	5485.69	145.39	9657.37	25.57	392.51	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: CS-SHERWOOD 1-1-13 AWB (DG) Offset Wellpath: CS-SHERWOOD 1-1-13 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: CS-SHERWOOD 1-1-13 AWB (DG) Offset Wellpath: CS-SHERWOOD 1-1-13 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	20418.52	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <100-20418.52>	CS-SHERWOOD 1-1-13 AWB (DG)

## OFFSET WELLPATH REFERENCE - Offset Wellbore: CS-SHERWOOD 1-1-13 AWB (DG) Offset Wellpath: CS-SHERWOOD 1-1-13 AWP

MD Reference: Rig on SLOT#08 CS-SHERWOOD 1-1-13 (340'FSL & 1968'FEL, SEC.36 -DG) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: MONFORT 34-25 AWB Offset Wellpath: MONFORT 34-25 AWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#01 EX. MONFORT 34-25 (660'FSL & 2040'FEL, PR / CODL / 7213'TD)			Well: MONFORT 34-25		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	28.00	-2290.26	5356.42	113.15	5825.55	25.57	236.76	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: MONFORT 34-25 AWB Offset Wellpath: MONFORT 34-25 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: MONFORT 34-25 AWB Offset Wellpath: MONFORT 34-25 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7213.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7213>

OFFSET WELLPATH REFERENCE - Offset Wellbore: MONFORT 34-25 AWB Offset Wellpath: MONFORT 34-25 AWP	
MD Reference: Rig on SLOT#01 EX. MONFORT 34-25 (660'FSL & 2040'FEL, PR / CODL / 7213'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 38N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-30C-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#26 SEELEY FEDERAL 38N-30C-L (2272'FNL & 1602'FEL, SEC.26) Well: SEELEY FEDERAL 38N-30C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	1.00	4.00	57.59	568.22	84.21	571.13	1.26	1900.55	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 38N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-30C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 38N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-30C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	7.00	1681.61	35.11	346.39	-77.16	396.50
9.625in Casing Surface	4.00	1750.00	1746.00	7.00	1681.61	35.11	346.39	-77.16	396.50
8.5in Open Hole	1750.00	18390.15	16640.15	1681.61	7008.00	-77.16	396.50	-852.40	4023.79

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 38N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-30C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 38N-30C-L PWB
1750.00	18390.15	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 38N-30C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 38N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-30C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 38C-30-L PWB Offset Wellpath: SEELEY FEDERAL 38C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#25 SEELEY FEDERAL 38C-30-L (2252'FNL & 1602'FEL, SEC.26) Well: SEELEY FEDERAL 38C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	1.00	4.00	77.63	568.22	82.22	573.50	1.26	1908.44	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 38C-30-L PWB Offset Wellpath: SEELEY FEDERAL 38C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 38C-30-L PWB Offset Wellpath: SEELEY FEDERAL 38C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	7.00	1685.53	47.32	346.39	-61.96	397.16
9.625in Casing Surface	4.00	1750.00	1746.00	7.00	1685.53	47.32	346.39	-61.96	397.16
8.5in Open Hole	1750.00	18442.26	16692.26	1685.53	7114.00	-61.96	397.16	-779.00	4023.50

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 38C-30-L PWB Offset Wellpath: SEELEY FEDERAL 38C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 38C-30-L PWB
1750.00	18442.26	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 38C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 38C-30-L PWB Offset Wellpath: SEELEY FEDERAL 38C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HINER 36NC-18W AWB Offset Wellpath: HINER 36NC-18W AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#14 EX. HINER 36NC-18W (888'FNL & 905'FEL, PR/NBRR)		Well: HINER 36NC-18W		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	35.00	-3867.45	6554.07	120.54	7610.12	25.57	309.29	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36NC-18W AWB Offset Wellpath: HINER 36NC-18W AWP				
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical 3.000ft

WELLPATH COMPOSITION - Offset Wellbore: HINER 36NC-18W AWB Offset Wellpath: HINER 36NC-18W AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	11841.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC (GRID TO TRUE NORTH ADJ +0.50DEGS) <127-11841>	HINER 36NC-18W AWB
11841.00	11910.00	Blind Drilling (std)	Projection to bit	HINER 36NC-18W AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36NC-18W AWB Offset Wellpath: HINER 36NC-18W AWP	
MD Reference: Rig on SLOT#14 EX. HINER 36NC-18W (888'FNL & 905'FEL, PR/NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HINER 36C-22W AWB Offset Wellpath: HINER 36C-22W AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#11 EX. HINER 36C-22W (992'FNL & 902'FEL, PR / CODL)		Well: HINER 36C-22W		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	36.00	-3969.46	6557.42	121.19	7665.33	25.57	311.54	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36C-22W AWB Offset Wellpath: HINER 36C-22W AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: HINER 36C-22W AWB Offset Wellpath: HINER 36C-22W AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
16.00	11858.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +0.50DEGS) <217-11858>
11858.00	11950.00	Blind Drilling (std)	Projection to bit

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36C-22W AWB Offset Wellpath: HINER 36C-22W AWP	
MD Reference: Rig on SLOT#11 EX. HINER 36C-22W (992'FNL & 902'FEL, PR / CODL) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: HINER 36-C-24W AWB Offset Wellpath: HINER 36C-24W AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#02 HINER 36C-24W(1044'FNL & 901'FEL,SEC.36) Well: HINER 36C-24W Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	36.00	-4021.88	6558.05	121.52	7693.15	25.57	312.67	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36-C-24W AWB Offset Wellpath: HINER 36C-24W AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: HINER 36-C-24W AWB Offset Wellpath: HINER 36C-24W AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	16.00	1427.00	1411.00	52.00	1462.76	-2451.21	3998.11	-2456.56	3999.64
8.75in Open Hole	1427.00	11763.00	10336.00	1462.76	7135.00	-2456.56	3999.64	-2938.05	2838.11

## WELLPATH COMPOSITION - Offset Wellbore: HINER 36-C-24W AWB Offset Wellpath: HINER 36C-24W AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	1157.00	BHI NaviTrak (Axial)	INTEQ/NAVITRAK (MAGCORR) MWD 13-1/2"<196-1157>	HINER 36-C-24W AWB
1157.00	6446.00	BHI NaviTrak (Axial)	INTEQ/NAVITRAK (MAGCORR) MWD 8-3/4"<1279-6446>	HINER 36-C-24W AWB
6446.00	8141.00	BHI NaviTrak (Standard)	INTEQ/NAVITRAK MWD 8-3/4"<6540-8141>	HINER 36-C-24W AWB
8141.00	11640.00	BHI OnTrak (Standard)	INTEQ/ONTRAK MWD 8-3/4"<8222-11640>	HINER 36-C-24W AWB
11640.00	11763.00	Blind Drilling (std)	Projection to bit	HINER 36-C-24W AWB



**Clearance Report**  
**CHALK 37N-2C-XR (REV-B.0) PWP**  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36-C-24W AWB    Offset Wellpath: HINER 36C-24W AWP	
MD Reference: XTREME 7 (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: HINER 36NB-21W AWB Offset Wellpath: HINER 36NB-21W AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#13 EX. HINER 36NB-21W (966'FNL & 903'FEL, SI/NBRR) Well: HINER 36NB-21W Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	35.00	-3943.96	6556.64	121.03	7651.49	25.57	310.98	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36NB-21W AWB Offset Wellpath: HINER 36NB-21W AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: HINER 36NB-21W AWB Offset Wellpath: HINER 36NB-21W AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	11662.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +0.50DEGS) <217-11662>	HINER 36NB-21W AWB
11662.00	11737.00	Blind Drilling (std)	Projection to bit	HINER 36NB-21W AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36NB-21W AWB Offset Wellpath: HINER 36NB-21W AWP

MD Reference: Rig on SLOT#13 EX. HINER 36NB-21W (966'FNL & 903'FEL, SI/NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HINER 36NB-19W AWB Offset Wellpath: HINER 36NB-19W AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#12 EX. HINER 36NB-19W (914'FNL & 904'FEL, SI / NBRR)		Well: HINER 36NB-19W		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	35.00	-3892.95	6554.61	120.71	7623.58	25.57	309.84	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36NB-19W AWB Offset Wellpath: HINER 36NB-19W AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: HINER 36NB-19W AWB Offset Wellpath: HINER 36NB-19W AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	11744.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +0.50DEGS) <127-11744>	HINER 36NB-19W AWB
11744.00	11813.00	Blind Drilling (std)	Projection to bit	HINER 36NB-19W AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36NB-19W AWB Offset Wellpath: HINER 36NB-19W AWP	
MD Reference: Rig on SLOT#12 EX. HINER 36NB-19W (914'FNL & 904'FEL, SI / NBRR) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HINER 36C-20W AWB Offset Wellpath: HINER 36C-20W AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#10 EX. HINER 36C-20W (940'FNL & 904'FEL, PR/CODL)		Well: HINER 36C-20W		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	36.00	-3918.15	6555.47	120.87	7637.22	25.57	310.40	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36C-20W AWB Offset Wellpath: HINER 36C-20W AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: HINER 36C-20W AWB Offset Wellpath: HINER 36C-20W AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	11760.00	ISWWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +0.5DEGS) <127-11760>	HINER 36C-20W AWB
11760.00	11848.00	Blind Drilling (std)	Projection to bit	HINER 36C-20W AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36C-20W AWB Offset Wellpath: HINER 36C-20W AWP	
MD Reference: Rig on SLOT#10 EX. HINER 36C-20W (940'FNL & 904'FEL, PR/CODL) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HINER 36C-17W AWB Offset Wellpath: HINER 36C-17W AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#01 HINER 36C-17W(862'FNL & 905'FEL,SEC.36)		Well: HINER 36C-17W		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	20.00	36.00	-3840.13	6553.83	120.37	7596.07	25.57	308.72	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36C-17W AWB Offset Wellpath: HINER 36C-17W AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: HINER 36C-17W AWB Offset Wellpath: HINER 36C-17W AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
24.00	12045.00	ISCWSA MWD, Rev. 4 (Standard)	MWD SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +0.05DEGS) <127-12045>

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36C-17W AWB Offset Wellpath: HINER 36C-17W AWP	
MD Reference: RIG (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	24.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HINER 36NB-23W AWB Offset Wellpath: HINER 36NB-23W AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#03 HINER 36NB-23W(1018'FNL & 902'FEL,SEC.36)		Well: HINER 36NB-23W		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	36.00	-3996.07	6557.42	121.36	7679.16	25.57	312.10	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HINER 36NB-23W AWB Offset Wellpath: HINER 36NB-23W AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: HINER 36NB-23W AWB Offset Wellpath: HINER 36NB-23W AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	11565.00	ISCWSA MWD, Rev. 3 (Standard)	MWD SURVEYS FROM EXTRACTION<498-11565>	HINER 36NB-23W AWB
11565.00	11630.00	Blind Drilling (std)	Projection to bit	HINER 36NB-23W AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HINER 36NB-23W AWB Offset Wellpath: HINER 36NB-23W AWP	
MD Reference: RIG (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 16N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30B-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#24 SEELEY FEDERAL 16N-30B-L (2232'FNL & 1601'FEL, SEC.26) Well: SEELEY FEDERAL 16N-30B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2.00	4.00	97.66	568.53	80.25	576.85	1.26	1919.64	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 16N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 16N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	6.00	1686.35	59.54	346.57	-47.03	400.19
9.625in Casing Surface	4.00	1750.00	1746.00	6.00	1686.35	59.54	346.57	-47.03	400.19
8.5in Open Hole	1750.00	18201.40	16451.40	1686.35	6934.00	-47.03	400.19	-705.83	4023.22

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 16N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 16N-30B-L PWB
1750.00	18201.40	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 16N-30B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 16N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: FLATIRONS #1-36 AWB Offset Wellpath: FLATIRONS #1-36 AWP

Facility: SEC.36-T06N-R66W Slot: SLOT#02 EX. FLATIRONS #1-36(660'FNL & 1980'FWL,SEC.36)VERT-PR-7244'TD Well: FLATIRONS #1-36 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	11.00	34.00	-3647.96	4165.21	131.21	5536.93	25.57	225.03	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: FLATIRONS #1-36 AWB Offset Wellpath: FLATIRONS #1-36 AWP

Slot Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft
Facility Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: FLATIRONS #1-36 AWB Offset Wellpath: FLATIRONS #1-36 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.625in Casing	15.00	414.00	399.00	49.00	448.00	-2223.58	2539.30	-2223.58	2539.30
4.5in Casing	15.00	7232.00	7217.00	49.00	7266.00	-2223.58	2539.30	-2223.58	2539.30

## WELLPATH COMPOSITION - Offset Wellbore: FLATIRONS #1-36 AWB Offset Wellpath: FLATIRONS #1-36 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	7244.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL FROM COGCC<7244>	FLATIRONS #1-36 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: FLATIRONS #1-36 AWB Offset Wellpath: FLATIRONS #1-36 AWP

MD Reference: RIG (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: MOBILE PREMIX I 35-6 AWB Offset Wellpath: MOBILE PREMIX I 35-6 AWP												
Facility: SEC.35-T06N-R66W		Slot: SLOT#06 EX. MOBILE PREMIX I 35-6 (2023'FNL & 692'FWL, SI / CODL/ 7518'TD)			Well: MOBILE PREMIX I 35-6		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	19.00	-4935.63	-2578.18	-152.42	5568.45	25.57	226.30	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: MOBILE PREMIX I 35-6 AWB Offset Wellpath: MOBILE PREMIX I 35-6 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: MOBILE PREMIX I 35-6 AWB Offset Wellpath: MOBILE PREMIX I 35-6 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7250.00	BHI Generic gyro - continuous (Standard)	VES GYRO SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +0.48DEGS) <100-7250>	MOBILE PREMIX I 35-6 AWB
7250.00	7518.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7518>	MOBILE PREMIX I 35-6 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: MOBILE PREMIX I 35-6 AWB Offset Wellpath: MOBILE PREMIX I 35-6 AWP	
MD Reference: Rig on SLOT#06 EX. MOBILE PREMIX I 35-6 (2023'FNL & 692'FWL, SI / CODL/ 7518'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 16C-30-L PWB Offset Wellpath: SEELEY FEDERAL 16C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#22 SEELEY FEDERAL 16C-30-L (2192'FNL & 1600'FEL, SEC.26) Well: SEELEY FEDERAL 16C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2.00	4.00	137.74	568.76	76.39	585.20	1.26	1947.45	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 16C-30-L PWB Offset Wellpath: SEELEY FEDERAL 16C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 16C-30-L PWB Offset Wellpath: SEELEY FEDERAL 16C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	6.00	1696.81	83.97	346.71	-11.82	403.80
9.625in Casing Surface	4.00	1750.00	1746.00	6.00	1696.81	83.97	346.71	-11.82	403.80
8.5in Open Hole	1750.00	18243.44	16493.44	1696.81	7113.00	-11.82	403.80	-559.80	4022.71

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 16C-30-L PWB Offset Wellpath: SEELEY FEDERAL 16C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 16C-30-L PWB
1750.00	18249.91	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 16C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 16C-30-L PWB Offset Wellpath: SEELEY FEDERAL 16C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 16N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30C-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#23 SEELEY FEDERAL 16N-30C-L (2212'FNL & 1601'FEL, SEC.26) Well: SEELEY FEDERAL 16N-30C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2.00	4.00	117.70	568.76	78.31	580.81	1.26	1932.82	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 16N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 16N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	6.00	1690.11	71.75	346.71	-29.88	404.00
9.625in Casing Surface	4.00	1750.00	1746.00	6.00	1690.11	71.75	346.71	-29.88	404.00
8.5in Open Hole	1750.00	18165.93	16415.93	1690.11	7005.00	-29.88	404.00	-632.65	4023.00

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 16N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 16N-30C-L PWB
1750.00	18165.93	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 16N-30C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 16N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 16N-30C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: POUDRE TRAILS 5 #2-2-1 AWB Offset Wellpath: POUDRE TRAILS 5 #2-2-1 AWP

Facility: SEC.02-T05N-R66W Slot: SLOT#04 EX. POUDRE TRAILS 5 #2-2-1 (2418'FNL&1189'FEL,PA/NB-CD/7356'TD) Well: POUDRE TRAILS 5 #2-2-1 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	1447.15	1405.48	-10600.62	1210.14	173.49	10761.12	50.33	217.97	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: POUDRE TRAILS 5 #2-2-1 AWB Offset Wellpath: POUDRE TRAILS 5 #2-2-1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: POUDRE TRAILS 5 #2-2-1 AWB Offset Wellpath: POUDRE TRAILS 5 #2-2-1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7100.00	BHI Generic gyro - continuous (Standard)	CORETECH WIRELINE GYRO SURVEYS PROVIDED BY SRC <100-7100>	POUDRE TRAILS 5 #2-2-1 AWB
7100.00	7356.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7356>	POUDRE TRAILS 5 #2-2-1 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: POUDRE TRAILS 5 #2-2-1 AWB Offset Wellpath: POUDRE TRAILS 5 #2-2-1 AWP

MD Reference: Rig on SLOT#04 EX. POUDRE TRAILS 5 #2-2-1 (2418'FNL&1189'FEL,PA/NB-CD/7356'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: KINKADE 1-1-13 AWB (DG) Offset Wellpath: KINKADE 1-1-13 AWP												
Facility: SEC.36-T06N-R66W Slot: SLOT#05 KINKADE 1-1-13 (339'FSL & 1920'FEL, SEC.36 -DG) Well: KINKADE 1-1-13 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	33.00	-7948.02	5533.01	145.16	9684.33	25.57	393.60	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: KINKADE 1-1-13 AWB (DG) Offset Wellpath: KINKADE 1-1-13 AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

WELLPATH COMPOSITION - Offset Wellbore: KINKADE 1-1-13 AWB (DG) Offset Wellpath: KINKADE 1-1-13 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	20316.00	ISWWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <100-20316>

OFFSET WELLPATH REFERENCE - Offset Wellbore: KINKADE 1-1-13 AWB (DG) Offset Wellpath: KINKADE 1-1-13 AWP	
MD Reference: Rig on SLOT#05 KINKADE 1-1-13 (339'FSL & 1920'FEL, SEC.36 -DG) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: GREELEY SAND & GRAVEL 1 AWB Offset Wellpath: GREELEY SAND & GRAVEL 1 AWP

Facility: SEC.35-T06N-R66W		Slot: SLOT#01 EX. GREELEY SAND & GRAVEL 1 (1980'FNL & 1980'FEL, DA / SUSX / 4500'TD)				Well: GREELEY SAND & GRAVEL 1		Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	30.00	-4945.24	190.92	177.79	4948.99	25.57	201.13	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY SAND & GRAVEL 1 AWB Offset Wellpath: GREELEY SAND & GRAVEL 1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: GREELEY SAND & GRAVEL 1 AWB Offset Wellpath: GREELEY SAND & GRAVEL 1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	4500.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <4500>	GREELEY SAND & GRAVEL 1 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY SAND & GRAVEL 1 AWB Offset Wellpath: GREELEY SAND & GRAVEL 1 AWP

MD Reference: Rig on SLOT#01 EX. (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 39C-30-L PWB Offset Wellpath: SEELEY FEDERAL 39C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#20 SEELEY FEDERAL 39C-30-L (2152'FNL & 1599'FEL, SEC.26) Well: SEELEY FEDERAL 39C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2.00	4.00	177.41	569.07	72.69	596.08	1.26	1983.72	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 39C-30-L PWB Offset Wellpath: SEELEY FEDERAL 39C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 39C-30-L PWB Offset Wellpath: SEELEY FEDERAL 39C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	6.00	1706.46	108.15	346.90	25.18	407.95
9.625in Casing Surface	4.00	1750.00	1746.00	6.00	1706.46	108.15	346.90	25.18	407.95
8.5in Open Hole	1750.00	18139.20	16389.20	1706.46	7114.00	25.18	407.95	-412.91	4022.22

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 39C-30-L PWB Offset Wellpath: SEELEY FEDERAL 39C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 39C-30-L PWB
1750.00	18139.20	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 39C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 39C-30-L PWB Offset Wellpath: SEELEY FEDERAL 39C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 39N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30B-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#21 SEELEY FEDERAL 39N-30B-L (2172'FNL & 1600'FEL, SEC.26) Well: SEELEY FEDERAL 39N-30B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	2.00	4.00	157.78	569.07	74.50	590.53	1.26	1965.23	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 39N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 39N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	6.00	1699.62	96.18	346.90	5.09	407.08
9.625in Casing Surface	4.00	1750.00	1746.00	6.00	1699.62	96.18	346.90	5.09	407.08
8.5in Open Hole	1750.00	18006.43	16256.43	1699.62	6934.00	5.09	407.08	-485.96	4022.51

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 39N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 39N-30B-L PWB
1750.00	18006.43	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 39N-30B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 39N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25J-203 PWB Offset Wellpath: GERRY 25J-203 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#04 EX. GERRY 25J-203 (207'FNL & 1883'FWL, PLAN/DRLG)			Well: GERRY 25J-203		Threshold Value=1.00		† = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	27.00	4.00	2110.43	4022.64	62.32	4542.64	50.17	92.29	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25J-203 PWB Offset Wellpath: GERRY 25J-203 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25J-203 PWB Offset Wellpath: GERRY 25J-203 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11366.40	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <1000-11366.4>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25J-203 PWB Offset Wellpath: GERRY 25J-203 PWP	
MD Reference: Rig on SLOT#04 EX. GERRY 25J-203 (207'FNL & 1883'FWL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25J-423 PWB Offset Wellpath: GERRY 25J-423 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#05 EX. GERRY 25J-423 (206'FNL & 1913'FWL, PLAN/DRLG)			Well: GERRY 25J-423		Threshold Value=1.00		† = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	27.00	4.00	2110.43	4050.47	62.48	4567.30	50.18	92.79	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25J-423 PWB Offset Wellpath: GERRY 25J-423 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25J-423 PWB Offset Wellpath: GERRY 25J-423 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11502.20	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <1500-11502.2>
			GERRY 25J-423 PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25J-423 PWB Offset Wellpath: GERRY 25J-423 PWP	
MD Reference: Rig on SLOT#05 EX. GERRY 25J-423 (206'FNL & 1913'FWL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 39N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30A-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#19 SEELEY FEDERAL 39N-30A-L (2132'FNL & 1599'FEL, SEC.26) Well: SEELEY FEDERAL 39N-30A-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	197.45	569.30	70.87	602.56	1.26	2005.34	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 39N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30A-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 39N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30A-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1707.33	120.37	347.04	42.83	412.06
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1707.33	120.37	347.04	42.83	412.06
8.5in Open Hole	1750.00	17793.23	16043.23	1707.33	6809.00	42.83	412.06	-340.06	4022.00

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 39N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30A-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 39N-30A-L PWB
1750.00	17793.23	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 39N-30A-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 39N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 39N-30A-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 9N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30C-L (REV-A.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#18 SEELEY FEDERAL 9N-30C-L (2112'FNL & 1598'FEL, SEC.26)			Well: SEELEY FEDERAL 9N-30C-L			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	217.48	569.61	69.10	609.71	1.26	2029.16	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 9N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30C-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 9N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30C-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1715.55	132.58	347.23	71.14	410.71
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1715.55	132.58	347.23	71.14	410.71
8.5in Open Hole	1750.00	17892.51	16142.51	1715.55	7005.00	71.14	410.71	-270.60	4021.72

SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 9N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30C-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 9N-30C-L PWB
1750.00	17892.51	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 9N-30C-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 9N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30C-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 9C-30-L PWB Offset Wellpath: SEELEY FEDERAL 9C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W		Slot: SLOT#16 SEELEY FEDERAL 9C-30-L (2073'FNL & 1597'FEL, SEC.26)		Well: SEELEY FEDERAL 9C-30-L		Threshold Value=1.00		↑ = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	257.56	569.91	65.68	625.41	1.26	2081.49	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 9C-30-L PWB Offset Wellpath: SEELEY FEDERAL 9C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 9C-30-L PWB Offset Wellpath: SEELEY FEDERAL 9C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1723.07	157.01	347.42	108.58	415.01
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1723.07	157.01	347.42	108.58	415.01
8.5in Open Hole	1750.00	17977.36	16227.36	1723.07	7117.00	108.58	415.01	-120.64	4021.23

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 9C-30-L PWB Offset Wellpath: SEELEY FEDERAL 9C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 9C-30-L PWB
1750.00	17979.88	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 9C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 9C-30-L PWB Offset Wellpath: SEELEY FEDERAL 9C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 9N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30B-L (REV-A.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#17 SEELEY FEDERAL 9N-30B-L (2093'FNL & 1598'FEL, SEC.26)			Well: SEELEY FEDERAL 9N-30B-L			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	237.52	569.61	67.36	617.14	1.26	2053.93	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 9N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30B-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 9N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30B-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1720.08	144.80	347.23	90.00	409.94
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1720.08	144.80	347.23	90.00	409.94
8.5in Open Hole	1750.00	17837.11	16087.11	1720.08	6935.00	90.00	409.94	-192.82	4021.43

SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 9N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30B-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 9N-30B-L PWB
1750.00	17837.11	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 9N-30B-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 9N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 9N-30B-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25M-343 PWB Offset Wellpath: GERRY 25M-343 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#07 EX. GERRY 25M-343 (206'FNL & 1943'FWL, PLAN/DRLG)			Well: GERRY 25M-343		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	27.00	4.00	2110.44	4081.08	62.66	4594.47	50.19	93.32	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25M-343 PWB Offset Wellpath: GERRY 25M-343 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25M-343 PWB Offset Wellpath: GERRY 25M-343 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11432.60	ISCSWA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <3000-11432.6>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25M-343 PWB Offset Wellpath: GERRY 25M-343 PWP	
MD Reference: Rig on SLOT#07 EX. GERRY 25M-343 (206'FNL & 1943'FWL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 40N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30C-L REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#15 SEELEY FEDERAL 40N-30C-L (2053'FNL & 1597'FEL, SEC.26) Well: SEELEY FEDERAL 40N-30C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.00	4.00	277.60	570.15	64.04	634.13	1.26	2110.57	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 40N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30C-L REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 40N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30C-L REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	5.00	1725.62	169.23	347.56	130.84	417.33
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1725.62	169.23	347.56	130.84	417.33
8.5in Open Hole	1750.00	17841.92	16091.92	1725.62	7008.00	130.84	417.33	-58.44	4020.59

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 40N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30C-L REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 40N-30C-L PWB
1750.00	17841.92	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 40N-30C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 40N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30C-L REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 40C-30-L PWB Offset Wellpath: SEELEY FEDERAL 40C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#13 SEELEY FEDERAL 40C-30-L (1953'FNL & 1594'FEL, SEC.26) Well: SEELEY FEDERAL 40C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	377.38	570.99	56.54	684.43	1.56	1139.11	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 40C-30-L PWB Offset Wellpath: SEELEY FEDERAL 40C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 40C-30-L PWB Offset Wellpath: SEELEY FEDERAL 40C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1730.31	230.05	348.08	211.01	413.41
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1730.31	230.05	348.08	211.01	413.41
8.5in Open Hole	1750.00	17922.28	16172.28	1730.31	7121.00	211.01	413.41	112.20	4020.27

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 40C-30-L PWB Offset Wellpath: SEELEY FEDERAL 40C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 40C-30-L PWB
1750.00	17922.28	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 40C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 40C-30-L PWB Offset Wellpath: SEELEY FEDERAL 40C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 40N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30B-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#14 SEELEY FEDERAL 40N-30B-L (1973'FNL & 1595'FEL, SEC.26) Well: SEELEY FEDERAL 40N-30B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	357.74	570.68	57.92	673.54	1.56	1120.97	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 40N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 40N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1726.40	218.09	347.89	188.59	419.06
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1726.40	218.09	347.89	188.59	419.06
8.5in Open Hole	1750.00	17756.21	16006.21	1726.40	6939.00	188.59	419.06	39.15	4020.72

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 40N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 40N-30B-L PWB
1750.00	17756.21	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 40N-30B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 40N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 40N-30B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: CS-LONGMEADOW 1-1-13 AWB (DG) Offset Wellpath: CS-LONGMEADOW 1-1-13 AWP												
Facility: SEC.36-T06N-R66W		Slot: SLOT#06 CS-LONGMEADOW 1-1-13 (338'FSL & 1840'FEL, SEC.36 -DG)			Well: CS-LONGMEADOW 1-1-13			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	33.00	-7948.01	5613.74	144.77	9730.66	25.57	395.49	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: CS-LONGMEADOW 1-1-13 AWB (DG) Offset Wellpath: CS-LONGMEADOW 1-1-13 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: CS-LONGMEADOW 1-1-13 AWB (DG) Offset Wellpath: CS-LONGMEADOW 1-1-13 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	20523.38	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <100-20523.38>
			Wellbore
			CS-LONGMEADOW 1-1-13 AWB (DG)

OFFSET WELLPATH REFERENCE - Offset Wellbore: CS-LONGMEADOW 1-1-13 AWB (DG) Offset Wellpath: CS-LONGMEADOW 1-1-13 AWP	
MD Reference: Rig on SLOT#06 CS-LONGMEADOW 1-1-13 (338'FSL & 1840'FEL, SEC.36 -DG) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: PETERSON 1 AWB Offset Wellpath: PETERSON 1 AWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#01 EX. PETERSON 1 (UNK / AB / 4811'TD)		Well: PETERSON 1		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	31.00	-2339.79	5417.38	113.36	5901.13	25.57	239.83	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: PETERSON 1 AWB Offset Wellpath: PETERSON 1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: PETERSON 1 AWB Offset Wellpath: PETERSON 1 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	4811.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <4811>
			PETERSON 1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: PETERSON 1 AWB Offset Wellpath: PETERSON 1 AWP	
MD Reference: Rig on SLOT#01 EX. PETERSON 1 (UNK / AB / 4811'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 8N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30C-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#12 SEELEY FEDERAL 8N-30C-L (1933'FNL & 1594'FEL, SEC.26) Well: SEELEY FEDERAL 8N-30C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	397.41	570.99	55.16	695.68	1.56	1157.86	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 8N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 8N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1729.75	242.27	348.07	233.46	419.34
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1729.75	242.27	348.07	233.46	419.34
8.5in Open Hole	1750.00	17808.49	16058.49	1729.75	7015.00	233.46	419.34	173.86	4019.64

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 8N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 8N-30C-L PWB
1750.00	17808.49	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 8N-30C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 8N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25M-443 PWB Offset Wellpath: GERRY 25M-443 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#09 EX. GERRY 25M-443 (206'FNL & 1973'FWL, PLAN/DRLG)			Well: GERRY 25M-443		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	28.00	4.00	2110.44	4111.68	62.83	4621.68	50.18	93.89	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25M-443 PWB Offset Wellpath: GERRY 25M-443 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25M-443 PWB Offset Wellpath: GERRY 25M-443 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11533.60	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <1500-11533.6>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25M-443 PWB Offset Wellpath: GERRY 25M-443 PWP	
MD Reference: Rig on SLOT#09 EX. GERRY 25M-443 (206'FNL & 1973'FWL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 8C-30-L PWB Offset Wellpath: SEELEY FEDERAL 8C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#11 SEELEY FEDERAL 8C-30-L (1913'FNL & 1594'FEL, SEC.26) Well: SEELEY FEDERAL 8C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	417.45	571.30	53.84	707.57	1.56	1177.67	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 8C-30-L PWB Offset Wellpath: SEELEY FEDERAL 8C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 8C-30-L PWB Offset Wellpath: SEELEY FEDERAL 8C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1730.54	254.48	348.26	260.67	418.49
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1730.54	254.48	348.26	260.67	418.49
8.5in Open Hole	1750.00	17906.44	16156.44	1730.54	7127.00	260.67	418.49	258.56	4019.19

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 8C-30-L PWB Offset Wellpath: SEELEY FEDERAL 8C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 8C-30-L PWB
1750.00	17906.44	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 8C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 8C-30-L PWB Offset Wellpath: SEELEY FEDERAL 8C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25M-223 PWB Offset Wellpath: GERRY 25M-223 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#06 EX. GERRY 25M-223 (293'FNL & 2386'FEL, PLAN/DRLG)			Well: GERRY 25M-223		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	35.00	4.00	2019.53	5038.28	68.16	5427.96	50.20	110.23	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25M-223 PWB Offset Wellpath: GERRY 25M-223 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25M-223 PWB Offset Wellpath: GERRY 25M-223 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11443.80	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <3000-11443.8>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25M-223 PWB Offset Wellpath: GERRY 25M-223 PWP	
MD Reference: Rig on SLOT#06 EX. GERRY 25M-223 (293'FNL & 2386'FEL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BUXMAN I #26-6 AWB Offset Wellpath: BUXMAN I #26-6 AWP

Facility: SEC.26-T06N-R66W Slot: SLOT#03 BUXMAN I #26-6 (2100'FNL & 1970'FWL SEC.26, PR) Well: BUXMAN I #26-6 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	4.00	238.64	-1224.13	-78.97	1247.17	25.57	50.66	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BUXMAN I #26-6 AWB Offset Wellpath: BUXMAN I #26-6 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BUXMAN I #26-6 AWB Offset Wellpath: BUXMAN I #26-6 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	481.00	481.00	4.00	485.00	145.49	-746.23	145.23	-746.34
8.625in Casing Surface	0.00	481.00	481.00	4.00	485.00	145.49	-746.23	145.23	-746.34
7.875in Open Hole	481.00	7259.00	6778.00	485.00	7261.42	145.23	-746.34	160.59	-751.79
4.5in Casing Production	0.00	7259.00	7259.00	4.00	7261.42	145.49	-746.23	160.59	-751.79

## WELLPATH COMPOSITION - Offset Wellbore: BUXMAN I #26-6 AWB Offset Wellpath: BUXMAN I #26-6 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7000.00	VESSI GyroFlex v4	VES GYRO SURVEYS FROM SRC (ADJ FROM GRID TO TRUE, +.49)<100-7000>	BUXMAN I #26-6 AWB
7000.00	7300.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD (7300' FROM CO WEBSITE)	BUXMAN I #26-6 AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BUXMAN I #26-6 AWB    Offset Wellpath: BUXMAN I #26-6 AWP	
MD Reference: Rig on SLOT#03 BUXMAN I #26-6 (2100'FNL & 1970'FWL SEC.26, PR) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 8N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30B-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#10 SEELEY FEDERAL 8N-30B-L (1893'FNL & 1593'FEL, SEC.26) Well: SEELEY FEDERAL 8N-30B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	437.49	571.30	52.56	719.57	1.56	1197.68	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 8N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 8N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1730.21	266.70	348.26	280.14	415.13
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1730.21	266.70	348.26	280.14	415.13
8.5in Open Hole	1750.00	17730.19	15980.19	1730.21	6949.00	280.14	415.13	331.74	4018.65

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 8N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 8N-30B-L PWB
1750.00	17730.19	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 8N-30B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 8N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 8N-30B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25M-423 PWB Offset Wellpath: GERRY 25M-423 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#08 EX. GERRY 25M-423 (263'FNL & 2386'FEL, PLAN/DRLG)			Well: GERRY 25M-423		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	35.00	4.00	2048.68	5038.27	67.87	5438.86	50.18	110.48	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25M-423 PWB Offset Wellpath: GERRY 25M-423 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25M-423 PWB Offset Wellpath: GERRY 25M-423 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11536.40	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <1500-11536.4>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25M-423 PWB Offset Wellpath: GERRY 25M-423 PWP	
MD Reference: Rig on SLOT#08 EX. GERRY 25M-423 (263'FNL & 2386'FEL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 41N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 41N-30C-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W		Slot: SLOT#09 SEELEY FEDERAL 41N-30C-L (1873'FNL & 1593'FEL, SEC.26)		Well: SEELEY FEDERAL 41N-30C-L		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	457.53	571.53	51.32	732.11	1.56	1218.57	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 41N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 41N-30C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 41N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 41N-30C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1727.87	278.91	348.40	304.86	418.56
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1727.87	278.91	348.40	304.86	418.56
8.5in Open Hole	1750.00	17803.02	16053.02	1727.87	N/A	304.86	418.56	N/A	N/A

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 41N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 41N-30C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 41N-30C-L PWB
1750.00	17803.02	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 41N-30C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 41N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 41N-30C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25R-343 PWB Offset Wellpath: GERRY 25R-343 PWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#10 EX. GERRY 25R-343 (233'FNL & 2387'FEL, PLAN/DRLG)			Well: GERRY 25R-343		Threshold Value=1.00		† = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	35.00	4.00	2077.82	5038.26	67.59	5449.90	50.18	110.72	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25R-343 PWB Offset Wellpath: GERRY 25R-343 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25R-343 PWB Offset Wellpath: GERRY 25R-343 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11533.30	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <1000-11533.3>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25R-343 PWB Offset Wellpath: GERRY 25R-343 PWP	
MD Reference: Rig on SLOT#10 EX. GERRY 25R-343 (233'FNL & 2387'FEL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 25R-403 PWB Offset Wellpath: GERRY 25R-403 PWP											
Facility: SEC.25-T06N-R66W		Slot: SLOT#11 EX. GERRY 25R-403 (203'FNL & 2387'FEL, PLAN/DRLG)		Well: GERRY 25R-403		Threshold Value=1.00		† = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio
4.00	4.00	0.00	0.00	34.00	4.00	2106.97	5038.26	67.31	5461.08	50.17	110.96
PASS											

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 25R-403 PWB Offset Wellpath: GERRY 25R-403 PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 25R-403 PWB Offset Wellpath: GERRY 25R-403 PWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
15.00	11613.20	ISCWSA MWD, Rev. 4 (Standard)	PLANNED MWD SURVEYS PROVIDED BY SRC <400-11613.2>
			GERRY 25R-403 PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 25R-403 PWB Offset Wellpath: GERRY 25R-403 PWP	
MD Reference: Rig on SLOT#11 EX. GERRY 25R-403 (203'FNL & 2387'FEL, PLAN/DRLG) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	15.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 41C-30-L PWB Offset Wellpath: SEELEY FEDERAL 41C-30-L(REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#08 SEELEY FEDERAL 41C-30-L (1853'FNL & 1593'FEL, SEC.26) Well: SEELEY FEDERAL 41C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	477.56	571.84	50.13	745.03	1.56	1240.11	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 41C-30-L PWB Offset Wellpath: SEELEY FEDERAL 41C-30-L(REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 41C-30-L PWB Offset Wellpath: SEELEY FEDERAL 41C-30-L(REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1727.71	291.13	348.59	325.15	412.04
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1727.71	291.13	348.59	325.15	412.04
8.5in Open Hole	1750.00	17930.45	16180.45	1727.71	N/A	325.15	412.04	N/A	N/A

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 41C-30-L PWB Offset Wellpath: SEELEY FEDERAL 41C-30-L(REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 41C-30-L PWB
1750.00	17930.45	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 41C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 41C-30-L PWB Offset Wellpath: SEELEY FEDERAL 41C-30-L(REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: EX. TODD 13-25 AWB Offset Wellpath: EX. TODD 13-25 AWP

Facility: SEC.25-T06N-R66W Slot: SLOT#01 EX. TODD 13-25 (1980'FSL & 660'FWL, PR/NB-CD) Well: EX. TODD 13-25 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	3.59	2.59	-1111.41	2807.37	111.60	3019.36	50.17	61.34	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: EX. TODD 13-25 AWB Offset Wellpath: EX. TODD 13-25 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: EX. TODD 13-25 AWB Offset Wellpath: EX. TODD 13-25 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7100.00	BHI Generic gyro - continuous (Standard)	MS ENERGY SERVICES GYRO PROVIDED BY SRC <100-7100>	EX. TODD 13-25 AWB
7100.00	7311.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7311>	EX. TODD 13-25 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. TODD 13-25 AWB Offset Wellpath: EX. TODD 13-25 AWP

MD Reference: Rig on SLOT#01 EX. TODD 13-25 (1980'FSL & 660'FWL, PR/NB-CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 1N-30B-L PWB    Offset Wellpath: SEELEY FEDERAL 1N-30B-L (REV-A.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#07 SEELEY FEDERAL 1N-30B-L (1833'FNL & 1592'FEL, SEC.26)				Well: SEELEY FEDERAL 1N-30B-L		Threshold Value=1.00    † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	497.60	571.84	48.97	758.03	1.56	1261.78	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 1N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30B-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 1N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30B-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1721.78	303.34	348.59	351.48	416.87
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1721.78	303.34	348.59	351.48	416.87
8.5in Open Hole	1750.00	17764.84	16014.84	1721.78	6956.00	351.48	416.87	551.49	4017.01

SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 1N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30B-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 1N-30B-L PWB
1750.00	17764.84	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 1N-30B-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 1N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30B-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. KISSLER AMEN 1-25 AWB Offset Wellpath: EX. KISSLER AMEN 1-25 AWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#01 EX. KISSLER AMEN 1-25 (1980'FNL & 660'FWL, PR/CODL)		Well: EX.KISSLER AMEN 1-25		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	9.76	3.76	361.54	2837.50	82.74	2860.44	50.17	58.11	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. KISSLER AMEN 1-25 AWB Offset Wellpath: EX. KISSLER AMEN 1-25 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. KISSLER AMEN 1-25 AWB Offset Wellpath: EX. KISSLER AMEN 1-25 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7000.00	BHI Generic gyro - continuous (Standard)	VES GYRO SURVEYS PROVIDED BY SRC <100-7000>	EX. KISSLER AMEN 1-25 AWB
7000.00	7260.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7260>	EX. KISSLER AMEN 1-25 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. KISSLER AMEN 1-25 AWB Offset Wellpath: EX. KISSLER AMEN 1-25 AWP	
MD Reference: Rig on SLOT#01 EX. KISSLER AMEN 1-25 (1980'FNL & 660'FWL, PR/CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 1N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30A-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#06 SEELEY FEDERAL 1N-30A-L (1813'FNL & 1591'FEL, SEC.26) Well: SEELEY FEDERAL 1N-30A-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	517.64	572.07	47.86	771.50	1.57	1277.64	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 1N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30A-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 1N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30A-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1715.84	315.56	348.73	374.54	416.43
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1715.84	315.56	348.73	374.54	416.43
8.5in Open Hole	1750.00	17668.40	15918.40	1715.84	6843.00	374.54	416.43	624.67	4016.53

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 1N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30A-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 1N-30A-L PWB
1750.00	17671.54	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 1N-30A-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 1N-30A-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30A-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 1N-30C-L PWB    Offset Wellpath: SEELEY FEDERAL 1N-30C-L (REV-A.0) PWP												
Facility: SEC.26-T06N-R66W		Slot: SLOT#05 SEELEY FEDERAL 1N-30C-L (1793'FNL & 1591'FEL, SEC.26)				Well: SEELEY FEDERAL 1N-30C-L		Threshold Value=1.00    † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	537.68	572.38	46.79	785.31	1.57	1300.54	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 1N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30C-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 1N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30C-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1713.20	327.77	348.92	394.87	413.12
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1713.20	327.77	348.92	394.87	413.12
8.5in Open Hole	1750.00	17893.06	16143.06	1713.20	7030.00	394.87	413.12	697.50	4016.00

SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 1N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30C-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 1N-30C-L PWB
1750.00	17893.06	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 1N-30C-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 1N-30C-L PWB Offset Wellpath: SEELEY FEDERAL 1N-30C-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 26C-30-L PWB Offset Wellpath: SEELEY FEDERAL 26C-30-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#04 SEELEY FEDERAL 26C-30-L (1773'FNL & 1590'FEL, SEC.26) Well: SEELEY FEDERAL 26C-30-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	557.71	572.38	45.74	799.16	1.57	1323.51	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 26C-30-L PWB Offset Wellpath: SEELEY FEDERAL 26C-30-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 26C-30-L PWB Offset Wellpath: SEELEY FEDERAL 26C-30-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1709.63	339.99	348.92	414.78	410.35
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1709.63	339.99	348.92	414.78	410.35
8.5in Open Hole	1750.00	18043.37	16293.37	1709.63	7151.00	414.78	410.35	770.70	4014.86

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 26C-30-L PWB Offset Wellpath: SEELEY FEDERAL 26C-30-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 26C-30-L PWB
1750.00	18047.30	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 26C-30-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 26C-30-L PWB Offset Wellpath: SEELEY FEDERAL 26C-30-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: Mobile Premix 4-35 AWB Offset Wellpath: Mobile Premix 4-35 AWP

Facility: SEC.35-T6N-R66W Slot: Slot #10 Mobile Premix 4-35 Well: Mobile Premix 4-35 Threshold Value=1.00 ↑ = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	30.00	-5660.71	1460.42	165.53	5846.12	25.57	237.59	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: Mobile Premix 4-35 AWB Offset Wellpath: Mobile Premix 4-35 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: Mobile Premix 4-35 AWB Offset Wellpath: Mobile Premix 4-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	3500.00	BHI Generic gyro - northseeking (Standard)	Log #1	Mobile Premix 4-35 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: Mobile Premix 4-35 AWB Offset Wellpath: Mobile Premix 4-35 AWP

MD Reference: Rig on Slot #10 Mobile Premix 4-35 (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 26N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 26N-30B-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W		Slot: SLOT#03 SEELEY FEDERAL 26N-30B-L (1753'FNL & 1590'FEL, SEC.26)		Well: SEELEY FEDERAL 26N-30B-L		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	577.45	572.69	44.76	813.28	1.57	1346.90	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 26N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 26N-30B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 26N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 26N-30B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1702.72	352.02	349.11	436.15	409.74
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1702.72	352.02	349.11	436.15	409.74
8.5in Open Hole	1750.00	17900.33	16150.33	1702.72	6965.00	436.15	409.74	844.45	4014.92

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 26N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 26N-30B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 26N-30B-L PWB
1750.00	17900.33	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 26N-30B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 26N-30B-L PWB Offset Wellpath: SEELEY FEDERAL 26N-30B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 38N-19C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-19C-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#02 SEELEY FEDERAL 38N-19C-L (1733'FNL & 1589'FEL, SEC.26) Well: SEELEY FEDERAL 38N-19C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	597.48	572.69	43.79	827.62	1.57	1370.69	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 38N-19C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-19C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 38N-19C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-19C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1698.55	364.23	349.11	454.71	407.17
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1698.55	364.23	349.11	454.71	407.17
8.5in Open Hole	1750.00	18024.36	16274.36	1698.55	7031.00	454.71	407.17	916.63	4015.14

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 38N-19C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-19C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Rotating+Axial Corr)		SEELEY FEDERAL 38N-19C-L PWB
1750.00	18029.98	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 38N-19C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 38N-19C-L PWB Offset Wellpath: SEELEY FEDERAL 38N-19C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: SEELEY FEDERAL 38C-19-L PWB Offset Wellpath: SEELEY FEDERAL 38C-19-L (REV-A.0) PWP

Facility: SEC.26-T06N-R66W Slot: SLOT#01 SEELEY FEDERAL 38C-19-L (1713'FNL & 1589'FEL, SEC.26) Well: SEELEY FEDERAL 38C-19-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	617.52	572.92	42.85	842.36	1.57	1394.99	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: SEELEY FEDERAL 38C-19-L PWB Offset Wellpath: SEELEY FEDERAL 38C-19-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: SEELEY FEDERAL 38C-19-L PWB Offset Wellpath: SEELEY FEDERAL 38C-19-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1694.86	376.45	349.25	472.24	404.63
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1694.86	376.45	349.25	472.24	404.63
8.5in Open Hole	1750.00	18197.67	16447.67	1694.86	7147.00	472.24	404.63	990.47	4016.09

## SURVEY PROGRAM - Offset Wellbore: SEELEY FEDERAL 38C-19-L PWB Offset Wellpath: SEELEY FEDERAL 38C-19-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		SEELEY FEDERAL 38C-19-L PWB
1750.00	18227.71	BHI AutoTrak Curve (IFR1, Short)		SEELEY FEDERAL 38C-19-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: SEELEY FEDERAL 38C-19-L PWB Offset Wellpath: SEELEY FEDERAL 38C-19-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: TODD 1 AWB Offset Wellpath: TODD 1 AWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#13 EX. TODD 1 (1970'FSL & 1950'FWL, SI / NB-CD / 7325'TD)			Well: TODD 1		Threshold Value=1.00 † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.91	2.91	-877.69	4060.42	102.20	4154.20	50.17	84.41	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TODD 1 AWB Offset Wellpath: TODD 1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: TODD 1 AWB Offset Wellpath: TODD 1 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7100.00	BHI Generic gyro - continuous (Standard)	MS ENERGY GYRO SURVEYS PROVIDED BY SRC (GRID TO TRUE ADJ +.050DEGS) <100-7100>
7100.00	7325.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7325>

OFFSET WELLPATH REFERENCE - Offset Wellbore: TODD 1 AWB Offset Wellpath: TODD 1 AWP	
MD Reference: Rig on SLOT#13 EX. TODD 1 (1970'FSL & 1950'FWL, SI / NB-CD / 7325'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft





# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: GERRY 1 AWB Offset Wellpath: GERRY 1 AWP												
Facility: SEC.25-T06N-R66W		Slot: SLOT#02 EX. GERRY 1 (720'FNL & 1920'FWL, SI/CODL/7266'TD)		Well: GERRY 1		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	9.24	4.24	1724.26	4092.27	67.15	4440.69	50.17	90.23	PASS

C-C Clearance Distance Cutoff: 150.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GERRY 1 AWB Offset Wellpath: GERRY 1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: GERRY 1 AWB Offset Wellpath: GERRY 1 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7000.00	BHI Generic gyro - continuous (Standard)	MS ENERGY GYRO SURVEYS PROVIDED BY SRC (ADJ GRID NORTH TO TRUE NORTH 0.50DEGS) <100-7000>
7000.00	7266.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7266>

OFFSET WELLPATH REFERENCE - Offset Wellbore: GERRY 1 AWB Offset Wellpath: GERRY 1 AWP	
MD Reference: Rig on SLOT#02 EX. GERRY 1 (720'FNL & 1920'FWL, SI/CODL/7266'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: RICHARD 1 AWB Offset Wellpath: RICHARD 1 AWP

Facility: SEC.25-T06N-R66W Slot: SLOT#12 EX. RICHARD 1 (1842'FNL & 2037'FEL, SI / CODL / 7327'TD) Well: RICHARD 1 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.89	3.89	438.11	5374.47	85.34	5392.30	50.17	109.57	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: RICHARD 1 AWB Offset Wellpath: RICHARD 1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: RICHARD 1 AWB Offset Wellpath: RICHARD 1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6700.00	BHI Generic gyro - continuous (Standard)	MS ENERGY GYRO SURVEYS PROVIDED BY SRC (GRID TO TRU ADJ +0.50DEGS) <100-6700>	RICHARD 1 AWB
6700.00	7327.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7327>	RICHARD 1 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: RICHARD 1 AWB Offset Wellpath: RICHARD 1 AWP

MD Reference: Rig on SLOT#12 EX. RICHARD 1 (1842'FNL & 2037'FEL, SI / CODL / 7327'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: BEEBE 36N-26C-M PILOT AWB Offset Wellpath: BEEBE 36N-26C-M PILOT AWP

Facility: SEC.34-T06N-R66W Slot: SLOT# 12 BEEBE 36N-26C-M (462'FNL & 2247'FWL SEC.34) Well: BEEBE 36N-26C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	22.17	2.17	-3377.92	-6281.81	-118.27	7132.43	50.17	144.94	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BEEBE 36N-26C-M PILOT AWB Offset Wellpath: BEEBE 36N-26C-M PILOT AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BEEBE 36N-26C-M PILOT AWB Offset Wellpath: BEEBE 36N-26C-M PILOT AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	20.00	1790.00	1770.00	16.00	1767.53	-2058.69	-3829.65	-2042.33	-3879.92
9.625in Casing Surface	20.00	1790.00	1770.00	16.00	1767.53	-2058.69	-3829.65	-2042.33	-3879.92
8.5in Open Hole	1790.00	14335.00	12545.00	1767.53	N/A	-2042.33	-3879.92	N/A	N/A

## WELLPATH COMPOSITION - Offset Wellbore: BEEBE 36N-26C-M PILOT AWB Offset Wellpath: BEEBE 36N-26C-M PILOT AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1736.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" <106-1736>	BEEBE 36N-26C-M PILOT AWB
1736.00	7914.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) <1868'-7914'>	BEEBE 36N-26C-M PILOT AWB
7914.00	7937.00	Blind Drilling (std)	Projection to bit	BEEBE 36N-26C-M PILOT AWB



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BEEBE 36N-26C-M PILOT AWB    Offset Wellpath: BEEBE 36N-26C-M PILOT AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#03 TC-MOISER HILL 3-9-11 (2462'FNL&1195'FEL,SEC.8) Well: TC-MOISER HILL 3-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	1605.00	1456.80	-16346.86	-15481.36	-136.56	22561.09	51.74	445.70	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1605.00	1580.00	-65.00	1477.80	-10109.55	-9516.48	-10035.81	-9478.50

## WELLPATH COMPOSITION - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1541.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT 13.5"<120-1541>	TC-MOISER HILL 3-9-11 AWB
1541.00	1605.00	Blind Drilling (std)	Projection to bit	TC-MOISER HILL 3-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

CHALK 37N-2C-XR (REV-B.0) PWP  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#31 CHALK 37N-2C-XR (2330'FNL & 2171'FEL, SEC.26)
Area	COLORADO	Well	CHALK 37N-2C-XR
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	CHALK 37N-2C-XR PWB
Facility	SEC.26-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#01 TC-MOISER HILL 2-9-11 (2430'FNL&1195'FEL,SEC.8) Well: TC-MOISER HILL 2-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	1446.00	1318.06	-16389.17	-15574.22	-136.46	22647.03	52.98	436.73	PASS

C-C Clearance Distance Cutoff: 150.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1446.00	1421.00	-65.00	1339.06	-10089.56	-9516.46	-10038.70	-9506.81

## WELLPATH COMPOSITION - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1446.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT <497-1446>	TC-MOISER HILL 2-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft