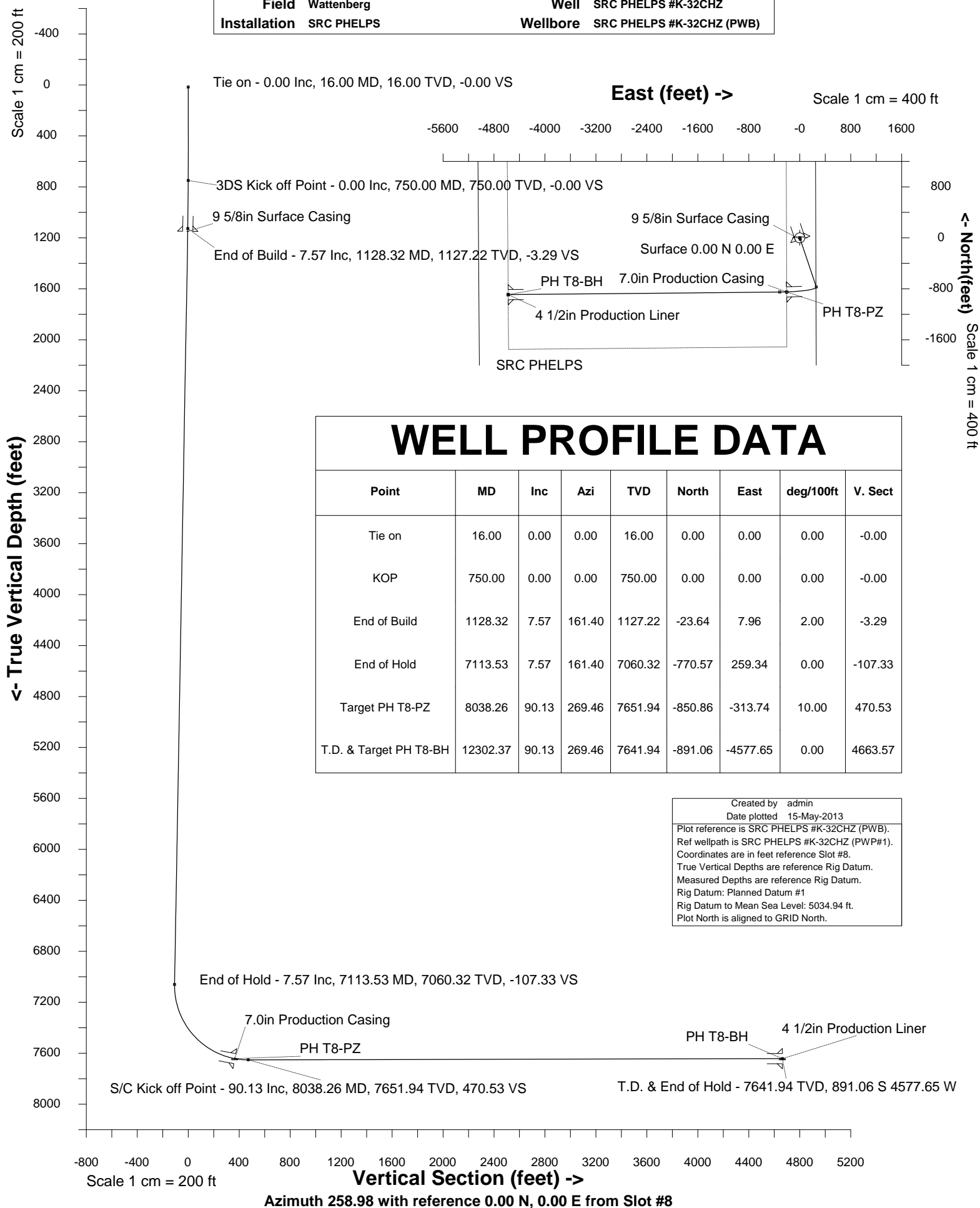


Location	Weld County, CO, USA(Imported)	Slot	Slot #8
Field	Wattenberg	Well	SRC PHELPS #K-32CHZ
Installation	SRC PHELPS	Wellbore	SRC PHELPS #K-32CHZ (PWB)





INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #K-32CHZ (PWB)

Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Slot #8	1247288.0810	3198212.3580	N40 0 36.0755	W104 47 32.5512	7.69S	65.82E	1.00

Declination			
Date	Source	Time	
18-Apr-2013	IGRF Model [1900.0-2015.0]	16:06	

Site Details				
Name	Northing	Easting	Coord System Name	North Alignment
SRC PHELPS	1247295.7700	3198146.5430	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Summary Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
16.00	0.00	0.000	16.00	0.00N	0.00E		0.00	1247288.08	3198212.36
750.00	0.00	0.000	750.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
1128.32	7.57	161.400	1127.22	23.64S	7.96E	2.00	-3.29	1247264.44	3198220.31
7113.53	7.57	161.400	7060.32	770.57S	259.34E	==>	-107.33	1246517.54	3198471.69
8038.26	90.13	269.460	7651.94	850.86S	313.74W	10.00	470.53	1246437.25	3197898.63
12302.37	90.13	269.460	7641.94	891.06S	4577.65W	==>	4663.57	1246397.05	3193634.87

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	1247288.08	3198212.36
16.00	0.00	0.000	16.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
500.00	0.00	0.000	500.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
700.00	0.00	0.000	700.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
734.00	0.00	0.000	734.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
750.00	0.00	0.000	750.00	0.00N	0.00E	==>	0.00	1247288.08	3198212.36
834.00	1.68	161.400	833.99	1.17S	0.39E	2.00	-0.16	1247286.91	3198212.75
934.00	3.68	161.400	933.87	5.60S	1.88E	2.00	-0.78	1247282.48	3198214.24
1034.00	5.68	161.400	1033.54	13.33S	4.49E	2.00	-1.86	1247274.75	3198216.84
1128.32	7.57	161.400	1127.22	23.64S	7.96E	2.00	-3.29	1247264.44	3198220.31
1200.00	7.57	161.400	1198.28	32.59S	10.97E	==>	-4.54	1247255.50	3198223.32
1300.00	7.57	161.400	1297.41	45.07S	15.17E	==>	-6.28	1247243.02	3198227.52
1400.00	7.57	161.400	1396.54	57.55S	19.37E	==>	-8.02	1247230.54	3198231.72
1500.00	7.57	161.400	1495.67	70.02S	23.57E	==>	-9.75	1247218.06	3198235.92
1600.00	7.57	161.400	1594.79	82.50S	27.77E	==>	-11.49	1247205.58	3198240.12
1700.00	7.57	161.400	1693.92	94.98S	31.97E	==>	-13.23	1247193.10	3198244.32
1800.00	7.57	161.400	1793.05	107.46S	36.17E	==>	-14.97	1247180.62	3198248.52
1900.00	7.57	161.400	1892.18	119.94S	40.37E	==>	-16.71	1247168.14	3198252.72
2000.00	7.57	161.400	1991.31	132.42S	44.57E	==>	-18.45	1247155.66	3198256.92
2100.00	7.57	161.400	2090.44	144.90S	48.77E	==>	-20.18	1247143.18	3198261.12
2200.00	7.57	161.400	2189.57	157.38S	52.97E	==>	-21.92	1247130.71	3198265.32
2300.00	7.57	161.400	2288.70	169.86S	57.17E	==>	-23.66	1247118.23	3198269.52
2400.00	7.57	161.400	2387.83	182.34S	61.37E	==>	-25.40	1247105.75	3198273.72
2500.00	7.57	161.400	2486.96	194.82S	65.57E	==>	-27.14	1247093.27	3198277.92
2600.00	7.57	161.400	2586.09	207.30S	69.77E	==>	-28.88	1247080.79	3198282.12
2700.00	7.57	161.400	2685.22	219.78S	73.97E	==>	-30.61	1247068.31	3198286.32
2800.00	7.57	161.400	2784.35	232.26S	78.17E	==>	-32.35	1247055.83	3198290.52
2900.00	7.57	161.400	2883.48	244.74S	82.37E	==>	-34.09	1247043.35	3198294.72
3000.00	7.57	161.400	2982.60	257.22S	86.57E	==>	-35.83	1247030.87	3198298.92
3100.00	7.57	161.400	3081.73	269.70S	90.77E	==>	-37.57	1247018.39	3198303.12
3200.00	7.57	161.400	3180.86	282.18S	94.97E	==>	-39.31	1247005.91	3198307.32
3300.00	7.57	161.400	3279.99	294.66S	99.17E	==>	-41.04	1246993.44	3198311.52

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Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 5034.9ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 258.980 degrees
Bottom hole distance is 4663.57 Feet on azimuth 258.98 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 15-May-2013



INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #K-32CHZ (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
3400.00	7.57	161.400	3379.12	307.14S	103.37E	==>	-42.78	1246980.96	3198315.72
3500.00	7.57	161.400	3478.25	319.62S	107.57E	==>	-44.52	1246968.48	3198319.92
3600.00	7.57	161.400	3577.38	332.09S	111.77E	==>	-46.26	1246956.00	3198324.12
3700.00	7.57	161.400	3676.51	344.57S	115.97E	==>	-48.00	1246943.52	3198328.32
3800.00	7.57	161.400	3775.64	357.05S	120.17E	==>	-49.73	1246931.04	3198332.52
3900.00	7.57	161.400	3874.77	369.53S	124.37E	==>	-51.47	1246918.56	3198336.72
4000.00	7.57	161.400	3973.90	382.01S	128.57E	==>	-53.21	1246906.08	3198340.92
4100.00	7.57	161.400	4073.03	394.49S	132.77E	==>	-54.95	1246893.60	3198345.12
4200.00	7.57	161.400	4172.16	406.97S	136.97E	==>	-56.69	1246881.12	3198349.32
4300.00	7.57	161.400	4271.29	419.45S	141.17E	==>	-58.43	1246868.64	3198353.52
4400.00	7.57	161.400	4370.42	431.93S	145.37E	==>	-60.16	1246856.17	3198357.72
4500.00	7.57	161.400	4469.54	444.41S	149.57E	==>	-61.90	1246843.69	3198361.92
4600.00	7.57	161.400	4568.67	456.89S	153.77E	==>	-63.64	1246831.21	3198366.12
4700.00	7.57	161.400	4667.80	469.37S	157.97E	==>	-65.38	1246818.73	3198370.32
4800.00	7.57	161.400	4766.93	481.85S	162.17E	==>	-67.12	1246806.25	3198374.52
4900.00	7.57	161.400	4866.06	494.33S	166.37E	==>	-68.86	1246793.77	3198378.72
5000.00	7.57	161.400	4965.19	506.81S	170.57E	==>	-70.59	1246781.29	3198382.92
5100.00	7.57	161.400	5064.32	519.29S	174.77E	==>	-72.33	1246768.81	3198387.12
5200.00	7.57	161.400	5163.45	531.77S	178.97E	==>	-74.07	1246756.33	3198391.32
5300.00	7.57	161.400	5262.58	544.25S	183.17E	==>	-75.81	1246743.85	3198395.52
5400.00	7.57	161.400	5361.71	556.73S	187.37E	==>	-77.55	1246731.37	3198399.72
5500.00	7.57	161.400	5460.84	569.21S	191.57E	==>	-79.29	1246718.90	3198403.92
5600.00	7.57	161.400	5559.97	581.69S	195.77E	==>	-81.02	1246706.42	3198408.12
5700.00	7.57	161.400	5659.10	594.16S	199.97E	==>	-82.76	1246693.94	3198412.32
5800.00	7.57	161.400	5758.23	606.64S	204.17E	==>	-84.50	1246681.46	3198416.52
5900.00	7.57	161.400	5857.35	619.12S	208.37E	==>	-86.24	1246668.98	3198420.72
6000.00	7.57	161.400	5956.48	631.60S	212.57E	==>	-87.98	1246656.50	3198424.92
6100.00	7.57	161.400	6055.61	644.08S	216.77E	==>	-89.72	1246644.02	3198429.12
6200.00	7.57	161.400	6154.74	656.56S	220.97E	==>	-91.45	1246631.54	3198433.32
6300.00	7.57	161.400	6253.87	669.04S	225.17E	==>	-93.19	1246619.06	3198437.52
6400.00	7.57	161.400	6353.00	681.52S	229.37E	==>	-94.93	1246606.58	3198441.72
6500.00	7.57	161.400	6452.13	694.00S	233.57E	==>	-96.67	1246594.11	3198445.92
6600.00	7.57	161.400	6551.26	706.48S	237.77E	==>	-98.41	1246581.63	3198450.12
6700.00	7.57	161.400	6650.39	718.96S	241.97E	==>	-100.15	1246569.15	3198454.32
6800.00	7.57	161.400	6749.52	731.44S	246.17E	==>	-101.88	1246556.67	3198458.52
6900.00	7.57	161.400	6848.65	743.92S	250.37E	==>	-103.62	1246544.19	3198462.72
7000.00	7.57	161.400	6947.78	756.40S	254.57E	==>	-105.36	1246531.71	3198466.92
7100.00	7.57	161.400	7046.91	768.88S	258.77E	==>	-107.10	1246519.23	3198471.12
7113.53	7.57	161.400	7060.32	770.57S	259.34E	==>	-107.33	1246517.54	3198471.69
7200.00	9.56	220.870	7145.97	781.41S	256.45E	10.00	-102.43	1246506.70	3198468.80
7300.00	17.79	246.260	7243.14	793.87S	236.99E	10.00	-80.94	1246494.24	3198449.34
7400.00	27.21	255.220	7335.45	805.89S	200.81E	10.00	-43.13	1246482.22	3198413.16
7500.00	36.92	259.770	7420.10	817.08S	149.01E	10.00	9.85	1246471.03	3198361.37
7600.00	46.74	262.620	7494.53	827.12S	83.18E	10.00	76.39	1246460.99	3198295.53
7700.00	56.61	264.670	7556.47	835.70S	5.30E	10.00	154.47	1246452.41	3198217.66
7800.00	66.51	266.300	7604.04	842.56S	82.25W	10.00	241.72	1246445.55	3198130.12
7900.00	76.42	267.690	7635.79	847.49S	176.81W	10.00	335.48	1246440.62	3198035.56
8000.00	86.34	268.980	7650.76	850.34S	275.51W	10.00	432.91	1246437.77	3197936.86
8038.26	90.13	269.460	7651.94	850.86S	313.74W	10.00	470.53	1246437.25	3197898.63
8100.00	90.13	269.460	7651.80	851.44S	375.48W	==>	531.25	1246436.67	3197836.89
8200.00	90.13	269.460	7651.56	852.39S	475.48W	==>	629.58	1246435.72	3197736.90
8300.00	90.13	269.460	7651.33	853.33S	575.47W	==>	727.91	1246434.78	3197636.91
8400.00	90.13	269.460	7651.09	854.27S	675.47W	==>	826.25	1246433.84	3197536.92
8500.00	90.13	269.460	7650.86	855.22S	775.46W	==>	924.58	1246432.90	3197436.92
8600.00	90.13	269.460	7650.62	856.16S	875.46W	==>	1022.91	1246431.95	3197336.93
8700.00	90.13	269.460	7650.39	857.10S	975.45W	==>	1121.25	1246431.01	3197236.94
8800.00	90.13	269.460	7650.15	858.04S	1075.45W	==>	1219.58	1246430.07	3197136.95
8900.00	90.13	269.460	7649.92	858.99S	1175.44W	==>	1317.91	1246429.13	3197036.96
9000.00	90.13	269.460	7649.68	859.93S	1275.44W	==>	1416.25	1246428.18	3196936.97
9100.00	90.13	269.460	7649.45	860.87S	1375.43W	==>	1514.58	1246427.24	3196836.97
9200.00	90.13	269.460	7649.22	861.81S	1475.43W	==>	1612.91	1246426.30	3196736.98

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Vertical Section is from 0.00N 0.00E on azimuth 258.980 degrees
Bottom hole distance is 4663.57 Feet on azimuth 258.98 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 15-May-2013



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Wellbore: SRC PHELPS #K-32CHZ (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
9300.00	90.13	269.460	7648.98	862.76S	1575.42W	==>	1711.24	1246425.36	3196636.99
9400.00	90.13	269.460	7648.75	863.70S	1675.42W	==>	1809.58	1246424.41	3196537.00
9500.00	90.13	269.460	7648.51	864.64S	1775.41W	==>	1907.91	1246423.47	3196437.01
9600.00	90.13	269.460	7648.28	865.59S	1875.41W	==>	2006.24	1246422.53	3196337.02
9700.00	90.13	269.460	7648.04	866.53S	1975.40W	==>	2104.58	1246421.58	3196237.03
9800.00	90.13	269.460	7647.81	867.47S	2075.40W	==>	2202.91	1246420.64	3196137.03
9900.00	90.13	269.460	7647.57	868.41S	2175.40W	==>	2301.24	1246419.70	3196037.04
10000.00	90.13	269.460	7647.34	869.36S	2275.39W	==>	2399.58	1246418.76	3195937.05
10100.00	90.13	269.460	7647.10	870.30S	2375.39W	==>	2497.91	1246417.81	3195837.06
10200.00	90.13	269.460	7646.87	871.24S	2475.38W	==>	2596.24	1246416.87	3195737.07
10300.00	90.13	269.460	7646.64	872.18S	2575.38W	==>	2694.58	1246415.93	3195637.08
10400.00	90.13	269.460	7646.40	873.13S	2675.37W	==>	2792.91	1246414.99	3195537.08
10500.00	90.13	269.460	7646.17	874.07S	2775.37W	==>	2891.24	1246414.04	3195437.09
10600.00	90.13	269.460	7645.93	875.01S	2875.36W	==>	2989.58	1246413.10	3195337.10
10700.00	90.13	269.460	7645.70	875.95S	2975.36W	==>	3087.91	1246412.16	3195237.11
10800.00	90.13	269.460	7645.46	876.90S	3075.35W	==>	3186.24	1246411.22	3195137.12
10900.00	90.13	269.460	7645.23	877.84S	3175.35W	==>	3284.58	1246410.27	3195037.13
11000.00	90.13	269.460	7644.99	878.78S	3275.34W	==>	3382.91	1246409.33	3194937.13
11100.00	90.13	269.460	7644.76	879.73S	3375.34W	==>	3481.24	1246408.39	3194837.14
11200.00	90.13	269.460	7644.53	880.67S	3475.33W	==>	3579.57	1246407.44	3194737.15
11300.00	90.13	269.460	7644.29	881.61S	3575.33W	==>	3677.91	1246406.50	3194637.16
11400.00	90.13	269.460	7644.06	882.55S	3675.32W	==>	3776.24	1246405.56	3194537.17
11500.00	90.13	269.460	7643.82	883.50S	3775.32W	==>	3874.57	1246404.62	3194437.18
11600.00	90.13	269.460	7643.59	884.44S	3875.32W	==>	3972.91	1246403.67	3194337.18
11700.00	90.13	269.460	7643.35	885.38S	3975.31W	==>	4071.24	1246402.73	3194237.19
11800.00	90.13	269.460	7643.12	886.32S	4075.31W	==>	4169.57	1246401.79	3194137.20
11900.00	90.13	269.460	7642.88	887.27S	4175.30W	==>	4267.91	1246400.85	3194037.21
12000.00	90.13	269.460	7642.65	888.21S	4275.30W	==>	4366.24	1246399.90	3193937.22
12100.00	90.13	269.460	7642.41	889.15S	4375.29W	==>	4464.57	1246398.96	3193837.23
12200.00	90.13	269.460	7642.18	890.10S	4475.29W	==>	4562.91	1246398.02	3193737.23
12300.00	90.13	269.460	7641.95	891.04S	4575.28W	==>	4661.24	1246397.08	3193637.24
12302.37	90.13	269.460	7641.94	891.06S	4577.65W	==>	4663.57	1246397.05	3193634.87

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SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #K-32CHZ (PWB)

Hole Sections								
Diameter	Start	Start	Start	Start	End	End	End	End
[in]	MD[ft]	TVD[ft]	North[ft]	East[ft]	MD[ft]	TVD[ft]	North[ft]	East[ft]
13 1/4	16.00	16.00	0.00N	0.00E	1150.00	1148.71	26.35S	8.87E
8 5/8	1150.00	1148.71	26.35S	8.87E	7931.00	7642.26	848.60S	207.10W
6 1/8	7931.00	7642.26	848.60S	207.10W	12302.37	7641.94	891.06S	4577.65W

Casings								
Name	Top	Top	Top	Top	Shoe	Shoe	Shoe	Shoe
	MD[ft]	TVD[ft]	North[ft]	East[ft]	MD[ft]	TVD[ft]	North[ft]	East[ft]
9 5/8in Surface Casing	16.00	16.00	0.00N	0.00E	1150.00	1148.71	26.35S	8.87E
7.0in Production Casing	16.00	16.00	0.00N	0.00E	7931.00	7642.26	848.60S	207.10W
4 1/2in Production Liner	7114.00	7060.78	770.63S	259.36E	12302.37	7641.94	891.06S	4577.65W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
PH T8-BH	891.06S	4577.65W	7641.94	N40 0 27.6269	W104 48 31.4684	1246397.05	3193634.87	14-May-2013
PH T8-PZ	850.93S	205.74W	7641.94	N40 0 27.6828	W104 47 35.2823	1246437.18	3198006.63	14-May-2013

Survey Tool Program					
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model
36590	Planned	12302.37	7641.94	WdW Rate Gyro	Standard

Notes

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 5034.9ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 258.980 degrees
Bottom hole distance is 4663.57 Feet on azimuth 258.98 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 15-May-2013



SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: SRC PHELPS #K-32CHZ (PWB)

Ellipse separations are reported ONLY if BOTH wells have uncertainty data
Only Depth and Magnetic Reference Field error terms are correlated across tie points
Cutoff is calculated on CENTRE to CENTRE distance

Summary data uses Closest Approach clearance calculation for all minima
Hole size/Casings ARE included
Hole size/Casings are NOT subtracted from Centre-Centre distance
Confidence limit of 95.00% / 2.80 SD.

Wellbore		
Name	Created	Last Revised
SRC PHELPS #K-32CHZ (PWB)	14-May-2013	14-May-2013

Well		
Name	Government ID	Last Revised
SRC PHELPS #K-32CHZ		14-May-2013

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #8	1247288.0810	3198212.3580	N40 0 36.0755	W104 47 32.5512	7.69S	65.82E

Installation					
Name	Easting	Northing	Coord System Name	North Alignment	
SRC PHELPS	3198146.5430	1247295.7700	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid	

Field					
Name	Easting	Northing	Coord System Name	North Alignment	
Wattenberg	3212690.1960	1438741.7551	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid	

Clearance Summary										
Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
SRC PHELPLS #13-32NHZ	SRC PHELPLS #13-32NHZ (PWB)	Slot #6	SRC PHELPS	22.37	704.98	12302.37	20.29	750.00	6.77	12302.37
SRC PHELPS #A-32NHZ	SRC PHELPS #A-32NHZ (PWB)	Slot #7	SRC PHELPS	22.50	750.00	750.00	20.37	750.00	10.45	787.00
SRC PHELPS #11-32CHZ	SRC PHELPS #11-32CHZ (PWB)	Slot #5	SRC PHELPS	28.13	639.36	639.36	26.15	655.76	13.51	770.59
SRC PHELPS #K-32NHZ	SRC PHELPS #K-32NHZ (PWB)	Slot #10	SRC PHELPS	30.37	885.42	8027.83	27.99	918.23	4.51	12302.37
SRC PHELPS #A-32CHZ	SRC PHELPS #A-32CHZ (PWB)	Slot #9	SRC PHELPS	41.69	754.19	754.19	39.54	754.19	15.80	12302.37
SRC PHELPS #13-32CHZ	SRC PHELPS #13-32CHZ (PWB)	Slot #4	SRC PHELPS	44.97	616.00	12302.37	43.02	655.76	7.92	12302.37
SRC PHELPS #11-32NHZ	SRC PHELPS #11-32NHZ (PWB)	Slot #3	SRC PHELPS	45.74	573.74	12302.37	43.84	639.36	21.43	803.40
SRC PHELPS #12-32CHZ	SRC PHELPS #12-32CHZ (PWB)	Slot #12	SRC PHELPS	52.88	852.61	852.61	50.57	885.42	7.89	12302.37
SRC PHELPS #12-32NHZ	SRC PHELPS #12-32NHZ (PWB)	Slot #11	SRC PHELPS	61.79	754.19	12302.37	59.64	770.59	10.65	12302.37

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Vertical Section is from 0.00N 0.00E on azimuth 258.980 degrees
Prepared by Peterson Energy
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SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: SRC PHELPS #K-32CHZ (PWB)

Clearance Summary										
Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
SRC PHELPS #J-32CHZ	SRC PHELPS #J-32CHZ (PWB)	Slot #1	SRC PHELPS	66.03	639.36	639.36	64.06	655.76	30.28	819.81
SRC PHELPS #B-32CHZ	SRC PHELPS #B-32CHZ (PWB)	Slot #2	SRC PHELPS	67.46	458.91	12302.37	65.74	524.53	14.95	12302.37
EMMA DELVENT HAL GAS UNIT #1	EMMA DELVENTHAL GAS UNIT #1 (AWB)	EMMA DELVENT HAL GAS UNIT #1	SRC PHELPS OFFSETS	793.75	8563.59	8563.59	758.10	8563.59	22.27	8563.59