

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_VONDERLAGE 14-31HZ

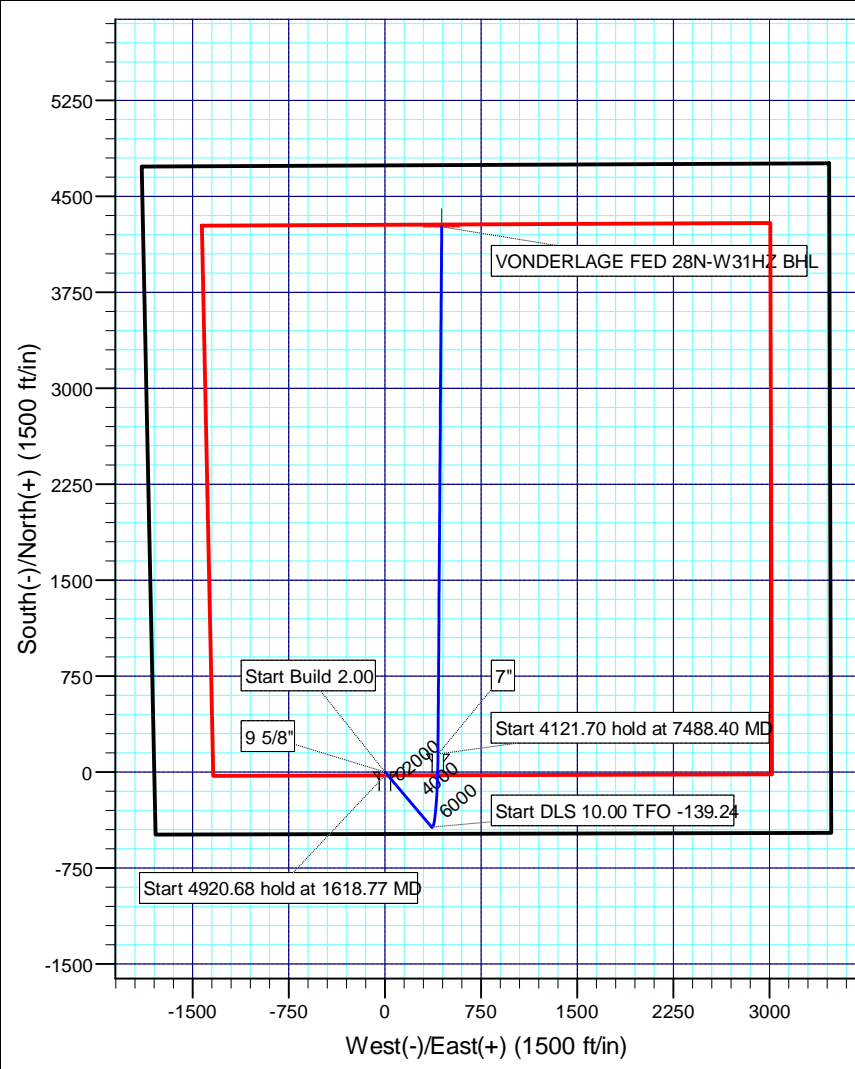
VONDERLAGE FED 28N-W31HZ

VONDERLAGE FED 28N-W31HZ

Plan: VONDERLAGE FED 28N-W31HZ (wp01)

Standard Planning Report

07 February, 2012



PROJECT DETAILS: COLORADO NORTHERN ZONE - 83	
Site:	WELD VONDERLAGE 14-31HZ
Well:	VONDERLAGE FED 28N-W31HZ
Wellbore:	VONDERLAGE FED 28N-W31HZ
Design:	VONDERLAGE FED 28N-W31HZ (wp01)
Latitude:	40.175335
Longitude:	-104.823057
GL:	4843.00
KB:	16' RKB + GL @ 4859.00ft (Original Well Elev)



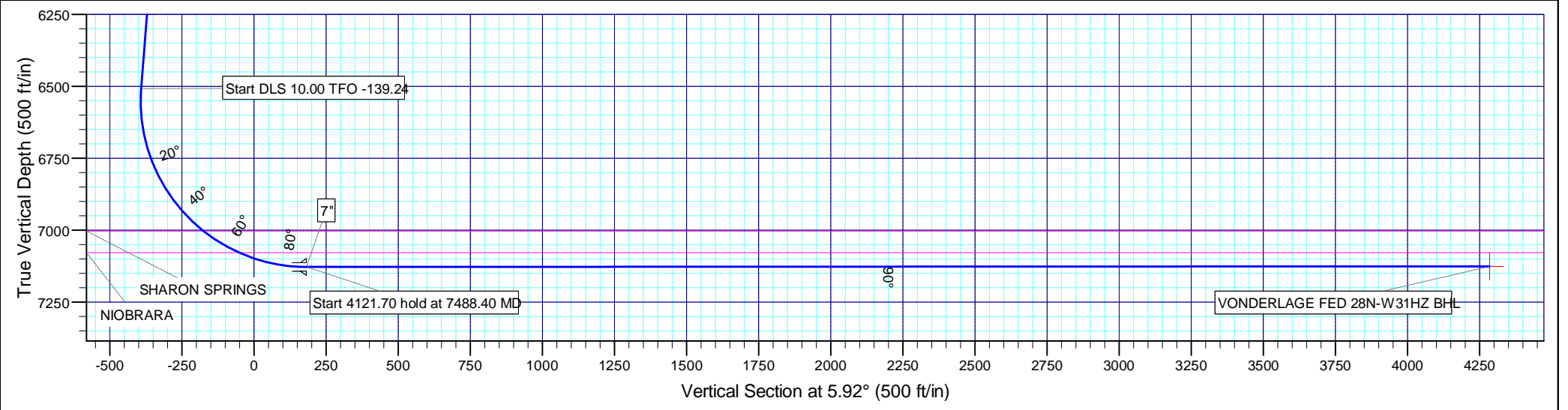
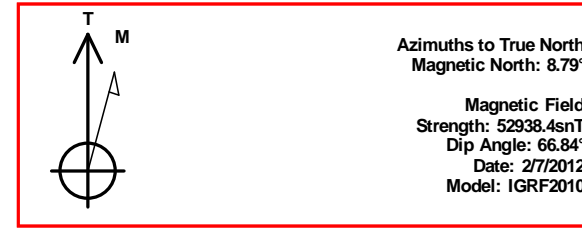
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	
3	1618.77	6.38	139.82	1618.11	-13.54	11.43	2.00	139.82	-12.28	
4	6539.44	6.38	139.82	6508.36	-431.00	363.96	0.00	0.00	-391.15	
5	7488.09	90.03	0.40	7128.00	139.86	413.00	10.00	-139.24	181.72	
6	7488.40	90.03	0.40	7128.00	140.17	413.00	1.00	69.92	182.03	
7	11610.10	90.03	0.40	7126.00	4261.77	441.99	0.00	0.00	4284.63	VONDERLAGE FED 28N-W31HZ BHL

DESIGN TARGET DETAILS						
Name	TVD	+N-S	+E-W	Latitude	Longitude	Shape Point
VONDERLAGE FED 28N-W31HZ BHL	7126.00	4261.77	441.99	40.187034	-104.821475	

WELL DETAILS: VONDERLAGE FED 28N-W31HZ						
Ground Level:				4843.00		
+N-S	+E-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	1307439.43	3189158.59	40.175335	-104.823057	

CASING DETAILS				
TVD	MD	Name	Size	
850.00	850.00	9 5/8"	9-5/8	
7128.00	7488.09	7"	7	

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
3913.00	3927.94	PARKMAN	
4268.00	4285.15	SUSSEX	
7003.00	7101.58	SHARON SPRINGS	
7078.00	7246.36	NIORARA	



Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well VONDERLAGE FED 28N-W31HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	16' RKB + GL @ 4859.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	16' RKB + GL @ 4859.00ft (Original Well Elev)
Site:	WELD_VONDERLAGE 14-31HZ	North Reference:	True
Well:	VONDERLAGE FED 28N-W31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	VONDERLAGE FED 28N-W31HZ		
Design:	VONDERLAGE FED 28N-W31HZ (wp01)		

Project	COLORADO NORTHERN ZONE - 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		WELD_VONDERLAGE 14-31HZ			
Site Position:		Northing:	1,307,439.22 usft	Latitude:	40.175335
From:	Lat/Long	Easting:	3,189,128.41 usft	Longitude:	-104.823165
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.44 °

Well	VONDERLAGE FED 28N-W31HZ					
Well Position	+N/-S	-0.02 ft	Northing:	1,307,439.43 usft	Latitude:	40.175335
	+E/-W	30.18 ft	Easting:	3,189,158.59 usft	Longitude:	-104.823057
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	4,843.00 ft

Wellbore	VONDERLAGE FED 28N-W31HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/7/2012	8.79	66.84	52,938

Design	VONDERLAGE FED 28N-W31HZ (wp01)			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	5.92

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,618.77	6.38	139.82	1,618.11	-13.54	11.43	2.00	2.00	0.00	139.82	
6,539.44	6.38	139.82	6,508.36	-431.00	363.96	0.00	0.00	0.00	0.00	
7,488.09	90.03	0.40	7,128.00	139.86	413.00	10.00	8.82	-14.70	-139.24	
7,488.40	90.03	0.40	7,128.00	140.17	413.00	1.00	0.34	0.94	69.92	
11,610.10	90.03	0.40	7,126.00	4,261.77	441.99	0.00	0.00	0.00	0.00	VONDERLAGE FED :

Anadarko Petroleum Corp

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Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	16' RKB + GL @ 4859.00ft (Original Well Elev)
Site:	WELD_VONDERLAGE 14-31HZ	North Reference:	True
Well:	VONDERLAGE FED 28N-W31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	VONDERLAGE FED 28N-W31HZ		
Design:	VONDERLAGE FED 28N-W31HZ (wp01)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
850.00	0.00	0.00	850.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 5/8"										
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 2.00										
1,400.00	2.00	139.82	1,399.98	-1.33	1.13	-1.21	2.00	2.00	0.00	
1,500.00	4.00	139.82	1,499.84	-5.33	4.50	-4.84	2.00	2.00	0.00	
1,600.00	6.00	139.82	1,599.45	-11.99	10.13	-10.88	2.00	2.00	0.00	
1,618.77	6.38	139.82	1,618.11	-13.54	11.43	-12.28	2.00	2.00	0.00	
Start 4920.68 hold at 1618.77 MD										
1,700.00	6.38	139.82	1,698.84	-20.43	17.25	-18.54	0.00	0.00	0.00	
1,800.00	6.38	139.82	1,798.22	-28.91	24.41	-26.24	0.00	0.00	0.00	
1,900.00	6.38	139.82	1,897.60	-37.40	31.58	-33.94	0.00	0.00	0.00	
2,000.00	6.38	139.82	1,996.99	-45.88	38.74	-41.64	0.00	0.00	0.00	
2,100.00	6.38	139.82	2,096.37	-54.36	45.91	-49.34	0.00	0.00	0.00	
2,200.00	6.38	139.82	2,195.75	-62.85	53.07	-57.04	0.00	0.00	0.00	
2,300.00	6.38	139.82	2,295.13	-71.33	60.23	-64.74	0.00	0.00	0.00	
2,400.00	6.38	139.82	2,394.51	-79.81	67.40	-72.44	0.00	0.00	0.00	
2,500.00	6.38	139.82	2,493.89	-88.30	74.56	-80.14	0.00	0.00	0.00	
2,600.00	6.38	139.82	2,593.27	-96.78	81.73	-87.83	0.00	0.00	0.00	
2,700.00	6.38	139.82	2,692.66	-105.27	88.89	-95.53	0.00	0.00	0.00	
2,800.00	6.38	139.82	2,792.04	-113.75	96.06	-103.23	0.00	0.00	0.00	
2,900.00	6.38	139.82	2,891.42	-122.23	103.22	-110.93	0.00	0.00	0.00	
3,000.00	6.38	139.82	2,990.80	-130.72	110.38	-118.63	0.00	0.00	0.00	
3,100.00	6.38	139.82	3,090.18	-139.20	117.55	-126.33	0.00	0.00	0.00	
3,200.00	6.38	139.82	3,189.56	-147.68	124.71	-134.03	0.00	0.00	0.00	
3,300.00	6.38	139.82	3,288.95	-156.17	131.88	-141.73	0.00	0.00	0.00	
3,400.00	6.38	139.82	3,388.33	-164.65	139.04	-149.43	0.00	0.00	0.00	
3,500.00	6.38	139.82	3,487.71	-173.14	146.20	-157.13	0.00	0.00	0.00	
3,600.00	6.38	139.82	3,587.09	-181.62	153.37	-164.83	0.00	0.00	0.00	
3,700.00	6.38	139.82	3,686.47	-190.10	160.53	-172.53	0.00	0.00	0.00	
3,800.00	6.38	139.82	3,785.85	-198.59	167.70	-180.23	0.00	0.00	0.00	
3,900.00	6.38	139.82	3,885.24	-207.07	174.86	-187.93	0.00	0.00	0.00	
3,927.94	6.38	139.82	3,913.00	-209.44	176.86	-190.08	0.00	0.00	0.00	
PARKMAN										
4,000.00	6.38	139.82	3,984.62	-215.55	182.03	-195.63	0.00	0.00	0.00	
4,100.00	6.38	139.82	4,084.00	-224.04	189.19	-203.33	0.00	0.00	0.00	
4,200.00	6.38	139.82	4,183.38	-232.52	196.35	-211.03	0.00	0.00	0.00	
4,285.15	6.38	139.82	4,268.00	-239.75	202.45	-217.58	0.00	0.00	0.00	

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Site:	WELD_VONDERLAGE 14-31HZ	North Reference:	True
Well:	VONDERLAGE FED 28N-W31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	VONDERLAGE FED 28N-W31HZ		
Design:	VONDERLAGE FED 28N-W31HZ (wp01)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
SUSSEX									
4,300.00	6.38	139.82	4,282.76	-241.01	203.52	-218.73	0.00	0.00	0.00
4,400.00	6.38	139.82	4,382.14	-249.49	210.68	-226.43	0.00	0.00	0.00
4,500.00	6.38	139.82	4,481.52	-257.97	217.85	-234.13	0.00	0.00	0.00
4,600.00	6.38	139.82	4,580.91	-266.46	225.01	-241.82	0.00	0.00	0.00
4,700.00	6.38	139.82	4,680.29	-274.94	232.17	-249.52	0.00	0.00	0.00
4,800.00	6.38	139.82	4,779.67	-283.42	239.34	-257.22	0.00	0.00	0.00
4,900.00	6.38	139.82	4,879.05	-291.91	246.50	-264.92	0.00	0.00	0.00
5,000.00	6.38	139.82	4,978.43	-300.39	253.67	-272.62	0.00	0.00	0.00
5,100.00	6.38	139.82	5,077.81	-308.88	260.83	-280.32	0.00	0.00	0.00
5,200.00	6.38	139.82	5,177.20	-317.36	268.00	-288.02	0.00	0.00	0.00
5,300.00	6.38	139.82	5,276.58	-325.84	275.16	-295.72	0.00	0.00	0.00
5,400.00	6.38	139.82	5,375.96	-334.33	282.32	-303.42	0.00	0.00	0.00
5,500.00	6.38	139.82	5,475.34	-342.81	289.49	-311.12	0.00	0.00	0.00
5,600.00	6.38	139.82	5,574.72	-351.30	296.65	-318.82	0.00	0.00	0.00
5,700.00	6.38	139.82	5,674.10	-359.78	303.82	-326.52	0.00	0.00	0.00
5,800.00	6.38	139.82	5,773.49	-368.26	310.98	-334.22	0.00	0.00	0.00
5,900.00	6.38	139.82	5,872.87	-376.75	318.14	-341.92	0.00	0.00	0.00
6,000.00	6.38	139.82	5,972.25	-385.23	325.31	-349.62	0.00	0.00	0.00
6,100.00	6.38	139.82	6,071.63	-393.71	332.47	-357.32	0.00	0.00	0.00
6,200.00	6.38	139.82	6,171.01	-402.20	339.64	-365.02	0.00	0.00	0.00
6,300.00	6.38	139.82	6,270.39	-410.68	346.80	-372.72	0.00	0.00	0.00
6,400.00	6.38	139.82	6,369.78	-419.17	353.97	-380.42	0.00	0.00	0.00
6,500.00	6.38	139.82	6,469.16	-427.65	361.13	-388.12	0.00	0.00	0.00
6,539.44	6.38	139.82	6,508.36	-431.00	363.96	-391.15	0.00	0.00	0.00
Start DLS 10.00 TFO -139.24									
6,600.00	4.33	74.06	6,568.70	-432.94	368.33	-392.63	10.00	-3.37	-108.60
6,700.00	11.95	20.48	6,667.72	-422.17	375.60	-381.17	10.00	7.62	-53.58
6,800.00	21.60	10.98	6,763.37	-394.33	382.75	-352.74	10.00	9.65	-9.50
6,900.00	31.47	7.22	6,852.73	-350.25	389.55	-308.20	10.00	9.86	-3.76
7,000.00	41.39	5.13	6,933.09	-291.28	395.81	-248.90	10.00	9.92	-2.09
7,100.00	51.34	3.74	7,002.01	-219.21	401.32	-176.65	10.00	9.95	-1.40
7,101.58	51.50	3.72	7,003.00	-217.98	401.40	-175.41	10.00	9.96	-1.19
SHARON SPRINGS									
7,200.00	61.30	2.68	7,057.40	-136.23	405.93	-93.63	10.00	9.96	-1.05
7,246.36	65.92	2.26	7,078.00	-94.76	407.72	-52.19	10.00	9.97	-0.90
NIOBRARA									
7,300.00	71.27	1.81	7,097.57	-44.86	409.49	-2.38	10.00	9.97	-0.84
7,400.00	81.24	1.04	7,121.30	52.12	411.90	94.33	10.00	9.97	-0.77
7,488.09	90.03	0.40	7,128.00	139.86	413.00	181.72	10.00	9.97	-0.73
7"									
7,488.40	90.03	0.40	7,128.00	140.17	413.00	182.03	1.00	0.36	0.94
Start 4121.70 hold at 7488.40 MD									
7,500.00	90.03	0.40	7,127.99	151.77	413.08	193.57	0.00	0.00	0.00
7,600.00	90.03	0.40	7,127.95	251.77	413.79	293.11	0.00	0.00	0.00
7,700.00	90.03	0.40	7,127.90	351.76	414.49	392.65	0.00	0.00	0.00
7,800.00	90.03	0.40	7,127.85	451.76	415.19	492.18	0.00	0.00	0.00
7,900.00	90.03	0.40	7,127.80	551.76	415.90	591.72	0.00	0.00	0.00
8,000.00	90.03	0.40	7,127.75	651.76	416.60	691.25	0.00	0.00	0.00
8,100.00	90.03	0.40	7,127.70	751.75	417.30	790.79	0.00	0.00	0.00
8,200.00	90.03	0.40	7,127.65	851.75	418.01	890.33	0.00	0.00	0.00

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Wellbore:	VONDERLAGE FED 28N-W31HZ		
Design:	VONDERLAGE FED 28N-W31HZ (wp01)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,300.00	90.03	0.40	7,127.61	951.75	418.71	989.86	0.00	0.00	0.00
8,400.00	90.03	0.40	7,127.56	1,051.75	419.41	1,089.40	0.00	0.00	0.00
8,500.00	90.03	0.40	7,127.51	1,151.74	420.12	1,188.94	0.00	0.00	0.00
8,600.00	90.03	0.40	7,127.46	1,251.74	420.82	1,288.47	0.00	0.00	0.00
8,700.00	90.03	0.40	7,127.41	1,351.74	421.52	1,388.01	0.00	0.00	0.00
8,800.00	90.03	0.40	7,127.36	1,451.74	422.23	1,487.55	0.00	0.00	0.00
8,900.00	90.03	0.40	7,127.32	1,551.73	422.93	1,587.08	0.00	0.00	0.00
9,000.00	90.03	0.40	7,127.27	1,651.73	423.63	1,686.62	0.00	0.00	0.00
9,100.00	90.03	0.40	7,127.22	1,751.73	424.34	1,786.16	0.00	0.00	0.00
9,200.00	90.03	0.40	7,127.17	1,851.73	425.04	1,885.69	0.00	0.00	0.00
9,300.00	90.03	0.40	7,127.12	1,951.72	425.74	1,985.23	0.00	0.00	0.00
9,400.00	90.03	0.40	7,127.07	2,051.72	426.45	2,084.77	0.00	0.00	0.00
9,500.00	90.03	0.40	7,127.02	2,151.72	427.15	2,184.30	0.00	0.00	0.00
9,600.00	90.03	0.40	7,126.98	2,251.72	427.85	2,283.84	0.00	0.00	0.00
9,700.00	90.03	0.40	7,126.93	2,351.71	428.56	2,383.38	0.00	0.00	0.00
9,800.00	90.03	0.40	7,126.88	2,451.71	429.26	2,482.91	0.00	0.00	0.00
9,900.00	90.03	0.40	7,126.83	2,551.71	429.96	2,582.45	0.00	0.00	0.00
10,000.00	90.03	0.40	7,126.78	2,651.71	430.67	2,681.99	0.00	0.00	0.00
10,100.00	90.03	0.40	7,126.73	2,751.70	431.37	2,781.52	0.00	0.00	0.00
10,200.00	90.03	0.40	7,126.68	2,851.70	432.07	2,881.06	0.00	0.00	0.00
10,300.00	90.03	0.40	7,126.64	2,951.70	432.77	2,980.60	0.00	0.00	0.00
10,400.00	90.03	0.40	7,126.59	3,051.70	433.48	3,080.13	0.00	0.00	0.00
10,500.00	90.03	0.40	7,126.54	3,151.69	434.18	3,179.67	0.00	0.00	0.00
10,600.00	90.03	0.40	7,126.49	3,251.69	434.88	3,279.21	0.00	0.00	0.00
10,700.00	90.03	0.40	7,126.44	3,351.69	435.59	3,378.74	0.00	0.00	0.00
10,800.00	90.03	0.40	7,126.39	3,451.69	436.29	3,478.28	0.00	0.00	0.00
10,900.00	90.03	0.40	7,126.34	3,551.68	436.99	3,577.82	0.00	0.00	0.00
11,000.00	90.03	0.40	7,126.30	3,651.68	437.70	3,677.35	0.00	0.00	0.00
11,100.00	90.03	0.40	7,126.25	3,751.68	438.40	3,776.89	0.00	0.00	0.00
11,200.00	90.03	0.40	7,126.20	3,851.68	439.10	3,876.43	0.00	0.00	0.00
11,300.00	90.03	0.40	7,126.15	3,951.67	439.81	3,975.96	0.00	0.00	0.00
11,400.00	90.03	0.40	7,126.10	4,051.67	440.51	4,075.50	0.00	0.00	0.00
11,500.00	90.03	0.40	7,126.05	4,151.67	441.21	4,175.04	0.00	0.00	0.00
11,600.00	90.03	0.40	7,126.01	4,251.67	441.92	4,274.57	0.00	0.00	0.00
11,610.10	90.03	0.40	7,126.00	4,261.77	441.99	4,284.63	0.00	0.00	0.00
TD at 11610.10 - VONDERLAGE FED 28N-W31HZ BHL									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
VONDERLAGE FED 28I	0.00	0.00	7,126.00	4,261.77	441.99	1,311,704.44	3,189,568.03	40.187034	-104.821475
- plan hits target center									
- Point									

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well VONDERLAGE FED 28N-W31HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	16' RKB + GL @ 4859.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	16' RKB + GL @ 4859.00ft (Original Well Elev)
Site:	WELD_VONDERLAGE 14-31HZ	North Reference:	True
Well:	VONDERLAGE FED 28N-W31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	VONDERLAGE FED 28N-W31HZ		
Design:	VONDERLAGE FED 28N-W31HZ (wp01)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
850.00	850.00	9 5/8"	9-5/8	13-1/2	
7,488.09	7,128.00	7"	7	8-3/4	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,927.94	3,913.00	PARKMAN		0.00	
4,285.15	4,268.00	SUSSEX		0.00	
7,101.58	7,003.00	SHARON SPRINGS		0.00	
7,246.36	7,078.00	NIOBRARA		0.00	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,300.00	1,300.00	0.00	0.00	Start Build 2.00	
1,618.77	1,618.11	-13.54	11.43	Start 4920.68 hold at 1618.77 MD	
6,539.44	6,508.36	-431.00	363.96	Start DLS 10.00 TFO -139.24	
7,488.40	7,128.00	140.17	413.00	Start 4121.70 hold at 7488.40 MD	
11,610.10	7,126.00	4,261.77	441.99	TD at 11610.10	