

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_CAMP 35-31HZ PAD

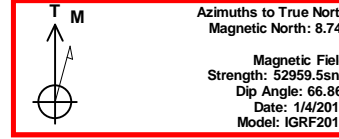
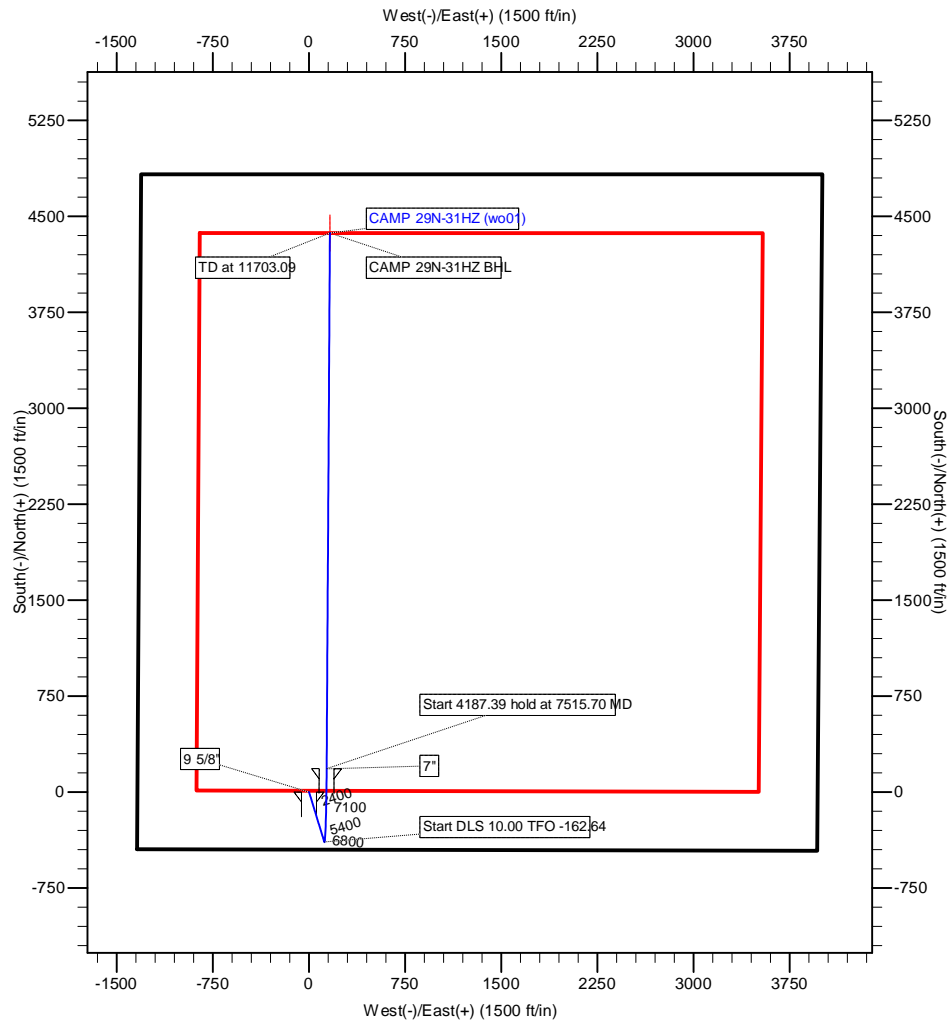
CAMP 29N-31HZ

CAMP 29N-31HZ

Plan: CAMP 29N-31HZ (wo01)

Standard Planning Report

04 January, 2012



Project: COLORADO NORTHERN ZONE - 83
 Site: WELD_CAMP 35-31HZ PAD
 Well: CAMP 29N-31HZ
 Wellbore: CAMP 29N-31HZ
 Section:
 SHL:
 Design: CAMP 29N-31HZ (wo01)
 Latitude: 40.175934
 Longitude: -104.711048
 GL: 4971.00
 KB: GL + 25' RKB @ 4996.00ft (Original Well Elev)

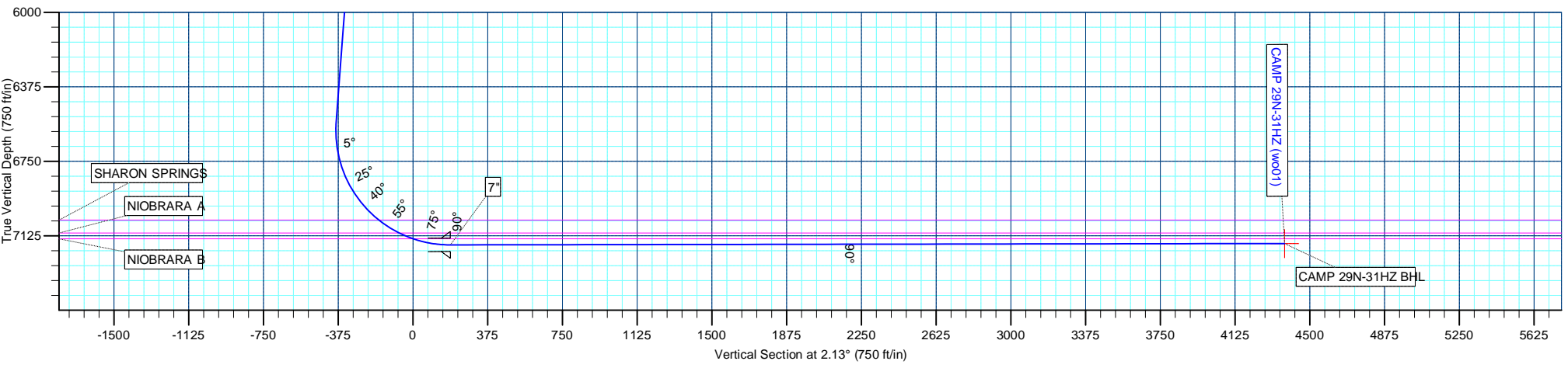
WELL DETAILS: CAMP 29N-31HZ						
+N/-S	+E/-W	Northing	Ground Level: Easting	4971.00 Latitude	Longitude	Slot
0.00	0.00	1307916.34	3220454.62	40.175934	-104.711048	

SECTION DETAILS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00
1526.71	4.53	163.04	1526.47	-8.58	2.62	2.00	163.04	-8.47
6570.99	4.53	163.04	6554.97	-390.00	118.94	0.00	0.00	-385.31
7515.28	90.10	0.35	7171.00	182.22	137.00	10.00	-162.64	187.19
7515.70	90.10	0.35	7171.00	182.64	137.00	1.00	176.53	187.61
11703.09	90.10	0.35	7164.00	4369.95	162.60	0.00	0.00	4372.97

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
CAMP 29N-31HZ BHL	7164.00	4369.95	162.60	40.187930	-104.710466	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
3963.00	3970.89	PARKMAN
4380.00	4389.20	SUSSEX
7046.00	7128.51	SHARON SPRINGS
7111.00	7249.68	NIOBRARA A
7140.00	7324.91	NIOBRARA B

CASING DETAILS			
TVD	MD	Name	Size
800.00	800.00	9 5/8"	9-5/8
7171.00	7515.28	7"	7



Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well CAMP 29N-31HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Site:	WELD_CAMP 35-31HZ PAD	North Reference:	True
Well:	CAMP 29N-31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	CAMP 29N-31HZ		
Design:	CAMP 29N-31HZ (wo01)		

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_CAMP 35-31HZ PAD			
Site Position:		Northing:	1,307,925.69 usft	Latitude:	40.175961
From:	Lat/Long	Easting:	3,220,398.65 usft	Longitude:	-104.711248
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.51 °

Well	CAMP 29N-31HZ					
Well Position	+N/-S	-9.84 ft	Northing:	1,307,916.34 usft	Latitude:	40.175934
	+E/-W	55.89 ft	Easting:	3,220,454.62 usft	Longitude:	-104.711048
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	4,971.00 ft

Wellbore	CAMP 29N-31HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/4/2012	8.74	66.86	52,960

Design	CAMP 29N-31HZ (wo01)				
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	2.13	

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	
1,526.71	4.53	163.04	1,526.47	-8.58	2.62	2.00	2.00	0.00	163.04	
6,570.99	4.53	163.04	6,554.97	-390.00	118.94	0.00	0.00	0.00	0.00	
7,515.28	90.10	0.35	7,171.00	182.22	137.00	10.00	9.06	-17.23	-162.64	
7,515.70	90.10	0.35	7,171.00	182.64	137.00	1.00	-1.00	0.06	176.53	
11,703.09	90.10	0.35	7,164.00	4,369.95	162.60	0.00	0.00	0.00	0.00	CAMP 29N-31HZ BHI

Anadarko Petroleum Corp

Planning Report

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Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Site:	WELD_CAMP 35-31HZ PAD	North Reference:	True
Well:	CAMP 29N-31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	CAMP 29N-31HZ		
Design:	CAMP 29N-31HZ (wo01)		

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	
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	163.04	1,399.98	-1.67	0.51	-1.65	2.00	2.00	0.00	
1,500.00	4.00	163.04	1,499.84	-6.67	2.04	-6.59	2.00	2.00	0.00	
1,526.71	4.53	163.04	1,526.47	-8.58	2.62	-8.47	2.00	2.00	0.00	
Start 5044.28 hold at 1526.71 MD										
1,600.00	4.53	163.04	1,599.53	-14.12	4.31	-13.95	0.00	0.00	0.00	
1,700.00	4.53	163.04	1,699.22	-21.68	6.61	-21.42	0.00	0.00	0.00	
1,800.00	4.53	163.04	1,798.91	-29.24	8.92	-28.89	0.00	0.00	0.00	
1,900.00	4.53	163.04	1,898.60	-36.80	11.22	-36.36	0.00	0.00	0.00	
2,000.00	4.53	163.04	1,998.28	-44.36	13.53	-43.83	0.00	0.00	0.00	
2,100.00	4.53	163.04	2,097.97	-51.93	15.84	-51.30	0.00	0.00	0.00	
2,200.00	4.53	163.04	2,197.66	-59.49	18.14	-58.77	0.00	0.00	0.00	
2,300.00	4.53	163.04	2,297.34	-67.05	20.45	-66.24	0.00	0.00	0.00	
2,400.00	4.53	163.04	2,397.03	-74.61	22.75	-73.71	0.00	0.00	0.00	
2,500.00	4.53	163.04	2,496.72	-82.17	25.06	-81.18	0.00	0.00	0.00	
2,600.00	4.53	163.04	2,596.40	-89.73	27.37	-88.65	0.00	0.00	0.00	
2,700.00	4.53	163.04	2,696.09	-97.30	29.67	-96.12	0.00	0.00	0.00	
2,800.00	4.53	163.04	2,795.78	-104.86	31.98	-103.60	0.00	0.00	0.00	
2,900.00	4.53	163.04	2,895.47	-112.42	34.29	-111.07	0.00	0.00	0.00	
3,000.00	4.53	163.04	2,995.15	-119.98	36.59	-118.54	0.00	0.00	0.00	
3,100.00	4.53	163.04	3,094.84	-127.54	38.90	-126.01	0.00	0.00	0.00	
3,200.00	4.53	163.04	3,194.53	-135.10	41.20	-133.48	0.00	0.00	0.00	
3,300.00	4.53	163.04	3,294.21	-142.67	43.51	-140.95	0.00	0.00	0.00	
3,400.00	4.53	163.04	3,393.90	-150.23	45.82	-148.42	0.00	0.00	0.00	
3,500.00	4.53	163.04	3,493.59	-157.79	48.12	-155.89	0.00	0.00	0.00	
3,600.00	4.53	163.04	3,593.27	-165.35	50.43	-163.36	0.00	0.00	0.00	
3,700.00	4.53	163.04	3,692.96	-172.91	52.73	-170.83	0.00	0.00	0.00	
3,800.00	4.53	163.04	3,792.65	-180.47	55.04	-178.30	0.00	0.00	0.00	
3,900.00	4.53	163.04	3,892.34	-188.03	57.35	-185.77	0.00	0.00	0.00	
3,970.89	4.53	163.04	3,963.00	-193.39	58.98	-191.07	0.00	0.00	0.00	
PARKMAN										
4,000.00	4.53	163.04	3,992.02	-195.60	59.65	-193.24	0.00	0.00	0.00	
4,100.00	4.53	163.04	4,091.71	-203.16	61.96	-200.71	0.00	0.00	0.00	
4,200.00	4.53	163.04	4,191.40	-210.72	64.26	-208.18	0.00	0.00	0.00	
4,300.00	4.53	163.04	4,291.08	-218.28	66.57	-215.65	0.00	0.00	0.00	
4,389.20	4.53	163.04	4,380.00	-225.03	68.63	-222.32	0.00	0.00	0.00	

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Planning Report

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Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Site:	WELD_CAMP 35-31HZ PAD	North Reference:	True
Well:	CAMP 29N-31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	CAMP 29N-31HZ		
Design:	CAMP 29N-31HZ (wo01)		

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									
4,400.00	4.53	163.04	4,390.77	-225.84	68.88	-223.13	0.00	0.00	0.00
4,500.00	4.53	163.04	4,490.46	-233.40	71.18	-230.60	0.00	0.00	0.00
4,600.00	4.53	163.04	4,590.15	-240.97	73.49	-238.07	0.00	0.00	0.00
4,700.00	4.53	163.04	4,689.83	-248.53	75.80	-245.54	0.00	0.00	0.00
4,800.00	4.53	163.04	4,789.52	-256.09	78.10	-253.01	0.00	0.00	0.00
4,900.00	4.53	163.04	4,889.21	-263.65	80.41	-260.48	0.00	0.00	0.00
5,000.00	4.53	163.04	4,988.89	-271.21	82.71	-267.95	0.00	0.00	0.00
5,100.00	4.53	163.04	5,088.58	-278.77	85.02	-275.42	0.00	0.00	0.00
5,200.00	4.53	163.04	5,188.27	-286.34	87.33	-282.89	0.00	0.00	0.00
5,300.00	4.53	163.04	5,287.95	-293.90	89.63	-290.36	0.00	0.00	0.00
5,400.00	4.53	163.04	5,387.64	-301.46	91.94	-297.83	0.00	0.00	0.00
5,500.00	4.53	163.04	5,487.33	-309.02	94.24	-305.30	0.00	0.00	0.00
5,600.00	4.53	163.04	5,587.02	-316.58	96.55	-312.77	0.00	0.00	0.00
5,700.00	4.53	163.04	5,686.70	-324.14	98.86	-320.24	0.00	0.00	0.00
5,800.00	4.53	163.04	5,786.39	-331.71	101.16	-327.71	0.00	0.00	0.00
5,900.00	4.53	163.04	5,886.08	-339.27	103.47	-335.18	0.00	0.00	0.00
6,000.00	4.53	163.04	5,985.76	-346.83	105.77	-342.66	0.00	0.00	0.00
6,100.00	4.53	163.04	6,085.45	-354.39	108.08	-350.13	0.00	0.00	0.00
6,200.00	4.53	163.04	6,185.14	-361.95	110.39	-357.60	0.00	0.00	0.00
6,300.00	4.53	163.04	6,284.82	-369.51	112.69	-365.07	0.00	0.00	0.00
6,400.00	4.53	163.04	6,384.51	-377.07	115.00	-372.54	0.00	0.00	0.00
6,500.00	4.53	163.04	6,484.20	-384.64	117.31	-380.01	0.00	0.00	0.00
6,570.99	4.53	163.04	6,554.97	-390.00	118.94	-385.31	0.00	0.00	0.00
Start DLS 10.00 TFO -162.64									
6,600.00	1.97	136.93	6,583.93	-391.47	119.62	-386.75	10.00	-8.85	-90.03
6,700.00	8.68	9.25	6,683.58	-385.26	122.01	-380.45	10.00	6.71	-127.68
6,800.00	18.62	4.37	6,780.64	-361.83	124.44	-356.96	10.00	9.94	-4.88
6,900.00	28.60	2.83	6,872.15	-321.91	126.85	-316.97	10.00	9.98	-1.54
7,000.00	38.59	2.05	6,955.34	-266.69	129.15	-261.71	10.00	9.99	-0.79
7,100.00	48.59	1.55	7,027.68	-197.87	131.28	-192.85	10.00	9.99	-0.50
7,128.51	51.44	1.43	7,046.00	-176.03	131.85	-171.01	10.00	10.00	-0.40
SHARON SPRINGS									
7,200.00	58.58	1.18	7,086.97	-117.52	133.17	-112.49	10.00	10.00	-0.35
7,249.69	63.55	1.03	7,111.00	-74.06	134.01	-69.02	10.00	10.00	-0.31
NIOBRARA A									
7,300.00	68.58	0.88	7,131.41	-28.09	134.77	-23.06	10.00	10.00	-0.28
7,324.91	71.07	0.82	7,140.00	-4.71	135.12	0.32	10.00	10.00	-0.27
NIOBRARA B									
7,400.00	78.58	0.63	7,159.64	67.70	136.03	72.71	10.00	10.00	-0.25
7,500.00	88.57	0.39	7,170.82	166.94	136.90	171.92	10.00	10.00	-0.24
7,515.28	90.10	0.35	7,171.00	182.22	137.00	187.19	10.00	10.00	-0.24
7"									
7,515.70	90.10	0.35	7,171.00	182.64	137.00	187.61	0.99	-0.99	0.06
Start 4187.39 hold at 7515.70 MD									
7,600.00	90.10	0.35	7,170.86	266.94	137.52	271.87	0.00	0.00	0.00
7,700.00	90.10	0.35	7,170.69	366.94	138.13	371.82	0.00	0.00	0.00
7,800.00	90.10	0.35	7,170.52	466.93	138.74	471.77	0.00	0.00	0.00
7,900.00	90.10	0.35	7,170.36	566.93	139.35	571.72	0.00	0.00	0.00
8,000.00	90.10	0.35	7,170.19	666.93	139.96	671.67	0.00	0.00	0.00
8,100.00	90.10	0.35	7,170.02	766.93	140.57	771.62	0.00	0.00	0.00

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Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well CAMP 29N-31HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
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Wellbore:	CAMP 29N-31HZ		
Design:	CAMP 29N-31HZ (wo01)		

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)
8,200.00	90.10	0.35	7,169.86	866.93	141.19	871.58	0.00	0.00	0.00
8,300.00	90.10	0.35	7,169.69	966.92	141.80	971.53	0.00	0.00	0.00
8,400.00	90.10	0.35	7,169.52	1,066.92	142.41	1,071.48	0.00	0.00	0.00
8,500.00	90.10	0.35	7,169.35	1,166.92	143.02	1,171.43	0.00	0.00	0.00
8,600.00	90.10	0.35	7,169.19	1,266.92	143.63	1,271.38	0.00	0.00	0.00
8,700.00	90.10	0.35	7,169.02	1,366.92	144.24	1,371.33	0.00	0.00	0.00
8,800.00	90.10	0.35	7,168.85	1,466.91	144.85	1,471.29	0.00	0.00	0.00
8,900.00	90.10	0.35	7,168.69	1,566.91	145.46	1,571.24	0.00	0.00	0.00
9,000.00	90.10	0.35	7,168.52	1,666.91	146.08	1,671.19	0.00	0.00	0.00
9,100.00	90.10	0.35	7,168.35	1,766.91	146.69	1,771.14	0.00	0.00	0.00
9,200.00	90.10	0.35	7,168.18	1,866.91	147.30	1,871.09	0.00	0.00	0.00
9,300.00	90.10	0.35	7,168.02	1,966.90	147.91	1,971.04	0.00	0.00	0.00
9,400.00	90.10	0.35	7,167.85	2,066.90	148.52	2,070.99	0.00	0.00	0.00
9,500.00	90.10	0.35	7,167.68	2,166.90	149.13	2,170.95	0.00	0.00	0.00
9,600.00	90.10	0.35	7,167.52	2,266.90	149.74	2,270.90	0.00	0.00	0.00
9,700.00	90.10	0.35	7,167.35	2,366.90	150.36	2,370.85	0.00	0.00	0.00
9,800.00	90.10	0.35	7,167.18	2,466.89	150.97	2,470.80	0.00	0.00	0.00
9,900.00	90.10	0.35	7,167.01	2,566.89	151.58	2,570.75	0.00	0.00	0.00
10,000.00	90.10	0.35	7,166.85	2,666.89	152.19	2,670.70	0.00	0.00	0.00
10,100.00	90.10	0.35	7,166.68	2,766.89	152.80	2,770.66	0.00	0.00	0.00
10,200.00	90.10	0.35	7,166.51	2,866.89	153.41	2,870.61	0.00	0.00	0.00
10,300.00	90.10	0.35	7,166.35	2,966.88	154.02	2,970.56	0.00	0.00	0.00
10,400.00	90.10	0.35	7,166.18	3,066.88	154.63	3,070.51	0.00	0.00	0.00
10,500.00	90.10	0.35	7,166.01	3,166.88	155.25	3,170.46	0.00	0.00	0.00
10,600.00	90.10	0.35	7,165.84	3,266.88	155.86	3,270.41	0.00	0.00	0.00
10,700.00	90.10	0.35	7,165.68	3,366.88	156.47	3,370.37	0.00	0.00	0.00
10,800.00	90.10	0.35	7,165.51	3,466.87	157.08	3,470.32	0.00	0.00	0.00
10,900.00	90.10	0.35	7,165.34	3,566.87	157.69	3,570.27	0.00	0.00	0.00
11,000.00	90.10	0.35	7,165.18	3,666.87	158.30	3,670.22	0.00	0.00	0.00
11,100.00	90.10	0.35	7,165.01	3,766.87	158.91	3,770.17	0.00	0.00	0.00
11,200.00	90.10	0.35	7,164.84	3,866.87	159.52	3,870.12	0.00	0.00	0.00
11,300.00	90.10	0.35	7,164.67	3,966.86	160.14	3,970.07	0.00	0.00	0.00
11,400.00	90.10	0.35	7,164.51	4,066.86	160.75	4,070.03	0.00	0.00	0.00
11,500.00	90.10	0.35	7,164.34	4,166.86	161.36	4,169.98	0.00	0.00	0.00
11,600.00	90.10	0.35	7,164.17	4,266.86	161.97	4,269.93	0.00	0.00	0.00
11,700.00	90.10	0.35	7,164.01	4,366.86	162.58	4,369.88	0.00	0.00	0.00
11,703.09	90.10	0.35	7,164.00	4,369.95	162.60	4,372.97	0.00	0.00	0.00
TD at 11703.09 - CAMP 29N-31HZ 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									
CAMP 29N-31HZ BHL	0.00	0.00	7,164.00	4,369.95	162.60	1,312,287.55	3,220,578.34	40.187930	-104.710466
- plan hits target center									
- Point									

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well CAMP 29N-31HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + 25' RKB @ 4996.00ft (Original Well Elev)
Site:	WELD_CAMP 35-31HZ PAD	North Reference:	True
Well:	CAMP 29N-31HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	CAMP 29N-31HZ		
Design:	CAMP 29N-31HZ (wo01)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
800.00	800.00	9 5/8"	9-5/8	13-1/2	
7,515.28	7,171.00	7"	7	8-3/4	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,970.89	3,963.00	PARKMAN		0.00	
4,389.20	4,380.00	SUSSEX		0.00	
7,128.51	7,046.00	SHARON SPRINGS		0.00	
7,249.69	7,111.00	NIOBRARA A		0.00	
7,324.91	7,140.00	NIOBRARA B		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	
1,526.71	1,526.47	-8.58	2.62	Start 5044.28 hold at 1526.71 MD	
6,570.99	6,554.97	-390.00	118.94	Start DLS 10.00 TFO -162.64	
7,515.70	7,171.00	182.64	137.00	Start 4187.39 hold at 7515.70 MD	
11,703.09	7,164.00	4,369.95	162.60	TD at 11703.09	