

# **US ROCKIES REGION PLANNING**

**COLORADO NORTHERN ZONE - 83**

**WELD\_CAMP 5 PAD**

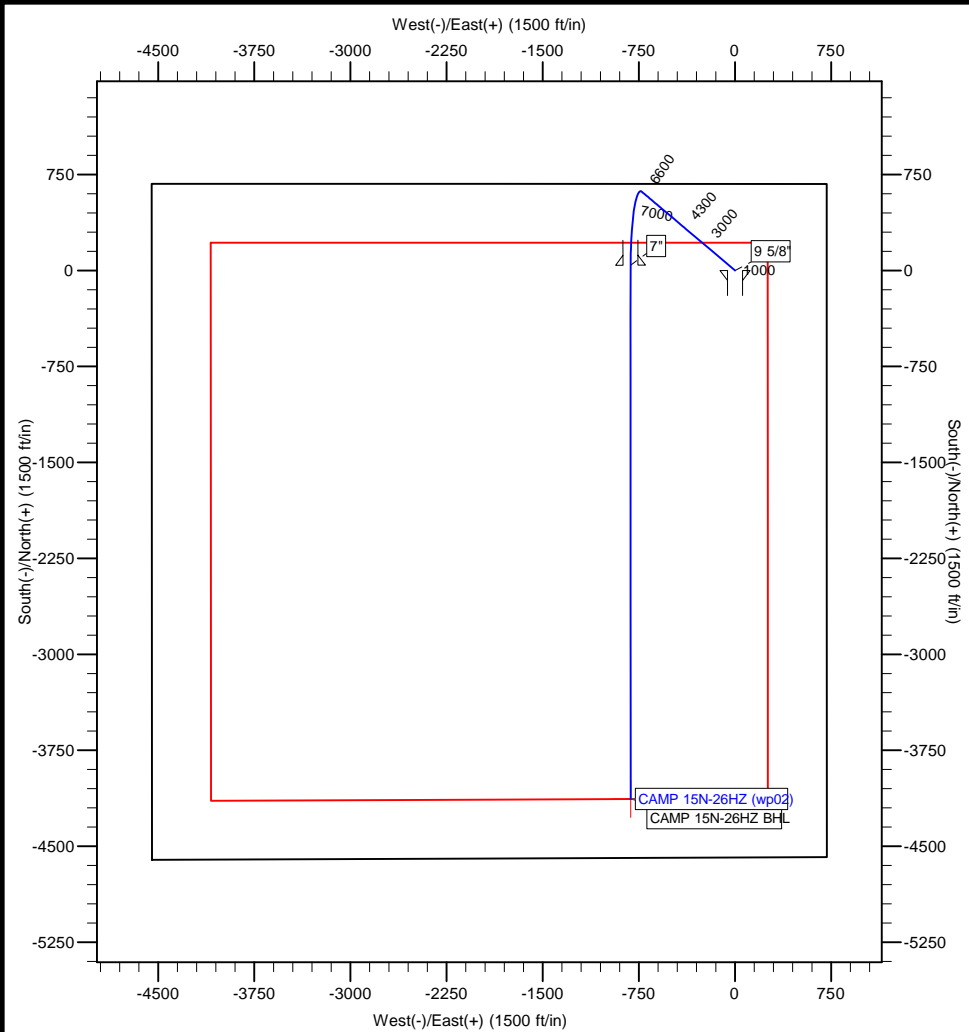
**CAMP 15N-26HZ**

**CAMP 15N-26HZ**

**Plan: CAMP 15N-26HZ (wp02)**

## **Standard Planning Report**

**09 December, 2011**



Project: COLORADO NORTHERN ZONE - 83  
 Site: WELD\_CAMP 5 PAD  
 Well: CAMP 15N-26HZ  
 Wellbore: CAMP 15N-26HZ  
 Section:  
 SHL:  
 Design: CAMP 15N-26HZ (wp02)  
 Latitude: 40.201603  
 Longitude: -104.737488  
 GL: 5013.00  
 KB: rkb+gl @ 5030.00ft

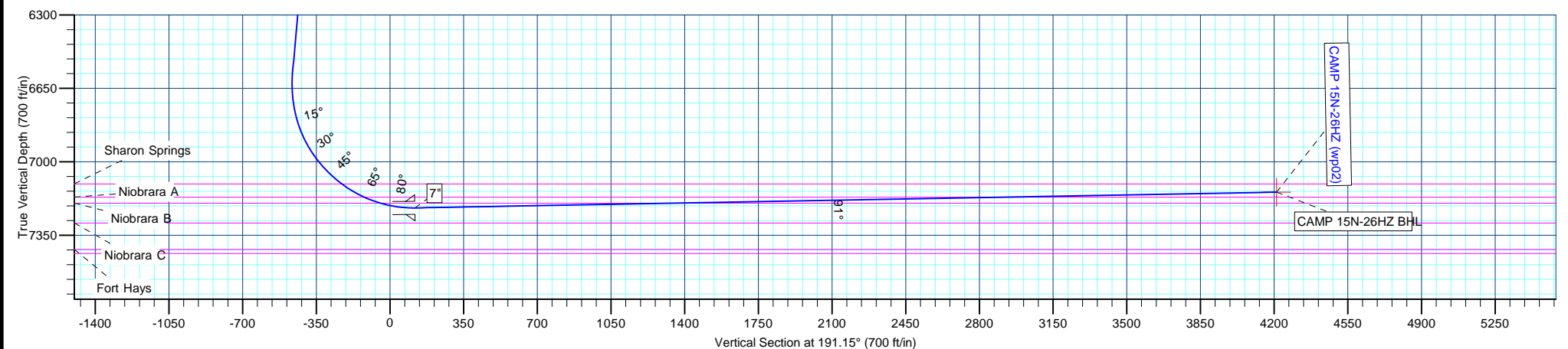
WELL DETAILS: CAMP 15N-26HZ						
+N/-S	+E/-W	Northing	Ground Level: Easting	5013.00 Latitude	40.201603 Longitude	Slot
0.00	0.00	1317202.13	3212986.35			

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
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00
1506.80	10.14	310.23	1504.16	28.87	-34.14	2.00	310.23	-21.73
6671.15	10.14	310.23	6587.91	615.81	-728.04	0.00	0.00	-463.46
7642.98	90.66	179.97	7220.00	40.00	-815.00	10.00	-129.72	118.30
7680.35	91.03	179.99	7219.45	2.63	-814.99	1.00	2.70	154.95
11815.69	91.03	179.99	7145.00	-4132.04	-814.09	0.00	0.00	4211.47

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)							
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape	Point
CAMP 15N-26HZ BHL	7145.00	-4132.04	-814.09	40.190260	-104.740402		

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4058.00	4101.13	Parkman
4566.00	4617.18	Sussex
7106.00	7266.79	Sharon Springs
7169.00	7391.52	Niobrara A
7198.00	7476.16	Niobrara B

CASING DETAILS			
TVD	MD	Name	Size
900.00	900.00	9 5/8"	9-5/8
7220.00	7642.98	7"	7



# Anadarko Petroleum Corp

## Planning Report

<b>Database:</b>	edmp	<b>Local Co-ordinate Reference:</b>	Well CAMP 15N-26HZ
<b>Company:</b>	US ROCKIES REGION PLANNING	<b>TVD Reference:</b>	rkb+gl @ 5030.00ft
<b>Project:</b>	COLORADO NORTHERN ZONE - 83	<b>MD Reference:</b>	rkb+gl @ 5030.00ft
<b>Site:</b>	WELD_CAMP 5 PAD	<b>North Reference:</b>	True
<b>Well:</b>	CAMP 15N-26HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	CAMP 15N-26HZ		
<b>Design:</b>	CAMP 15N-26HZ (wp02)		

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

Site		WELD_CAMP 5 PAD			
Site Position:		Northing:	1,317,276.21 usft	Latitude:	40.201805
From:	Lat/Long	Easting:	3,213,042.14 usft	Longitude:	-104.737286
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.49 °

Well	CAMP 15N-26HZ					
Well Position	+N/-S	-73.60 ft	Northing:	1,317,202.13 usft	Latitude:	40.201603
	+E/-W	-56.42 ft	Easting:	3,212,986.35 usft	Longitude:	-104.737488
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	5,013.00 ft

<b>Wellbore</b>	CAMP 15N-26HZ				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	10/7/2011	8.79	66.88	52,996

<b>Design</b>	CAMP 15N-26HZ (wp02)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	191.15

<b>Plan Sections</b>										
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	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,506.80	10.14	310.23	1,504.16	28.87	-34.14	2.00	2.00	0.00	310.23	
6,671.15	10.14	310.23	6,587.91	615.81	-728.04	0.00	0.00	0.00	0.00	
7,642.98	90.66	179.97	7,220.00	40.00	-815.00	10.00	8.29	-13.40	-129.72	
7,680.35	91.03	179.99	7,219.45	2.63	-814.99	1.00	1.00	0.05	2.70	
11,815.69	91.03	179.99	7,145.00	-4,132.04	-814.09	0.00	0.00	0.00	0.00	CAMP 15N-26HZ BHI

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## Planning Report

<b>Database:</b>	edmp	<b>Local Co-ordinate Reference:</b>	Well CAMP 15N-26HZ
<b>Company:</b>	US ROCKIES REGION PLANNING	<b>TVD Reference:</b>	rkb+gl @ 5030.00ft
<b>Project:</b>	COLORADO NORTHERN ZONE - 83	<b>MD Reference:</b>	rkb+gl @ 5030.00ft
<b>Site:</b>	WELD_CAMP 5 PAD	<b>North Reference:</b>	True
<b>Well:</b>	CAMP 15N-26HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	CAMP 15N-26HZ		
<b>Design:</b>	CAMP 15N-26HZ (wp02)		

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
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
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	2.00	310.23	1,099.98	1.13	-1.33	-0.85	2.00	2.00	0.00
1,200.00	4.00	310.23	1,199.84	4.51	-5.33	-3.39	2.00	2.00	0.00
1,300.00	6.00	310.23	1,299.45	10.13	-11.98	-7.63	2.00	2.00	0.00
1,400.00	8.00	310.23	1,398.70	18.00	-21.29	-13.55	2.00	2.00	0.00
1,500.00	10.00	310.23	1,497.47	28.11	-33.23	-21.15	2.00	2.00	0.00
1,506.80	10.14	310.23	1,504.16	28.87	-34.14	-21.73	2.00	2.00	0.00
1,600.00	10.14	310.23	1,595.91	39.47	-46.66	-29.70	0.00	0.00	0.00
1,700.00	10.14	310.23	1,694.35	50.83	-60.10	-38.26	0.00	0.00	0.00
1,800.00	10.14	310.23	1,792.78	62.20	-73.53	-46.81	0.00	0.00	0.00
1,900.00	10.14	310.23	1,891.22	73.56	-86.97	-55.36	0.00	0.00	0.00
2,000.00	10.14	310.23	1,989.66	84.93	-100.41	-63.92	0.00	0.00	0.00
2,100.00	10.14	310.23	2,088.10	96.29	-113.84	-72.47	0.00	0.00	0.00
2,200.00	10.14	310.23	2,186.54	107.66	-127.28	-81.02	0.00	0.00	0.00
2,300.00	10.14	310.23	2,284.98	119.02	-140.72	-89.58	0.00	0.00	0.00
2,400.00	10.14	310.23	2,383.42	130.39	-154.15	-98.13	0.00	0.00	0.00
2,500.00	10.14	310.23	2,481.86	141.75	-167.59	-106.68	0.00	0.00	0.00
2,600.00	10.14	310.23	2,580.30	153.12	-181.02	-115.24	0.00	0.00	0.00
2,700.00	10.14	310.23	2,678.74	164.48	-194.46	-123.79	0.00	0.00	0.00
2,800.00	10.14	310.23	2,777.18	175.85	-207.90	-132.34	0.00	0.00	0.00
2,900.00	10.14	310.23	2,875.62	187.21	-221.33	-140.90	0.00	0.00	0.00
3,000.00	10.14	310.23	2,974.06	198.58	-234.77	-149.45	0.00	0.00	0.00
3,100.00	10.14	310.23	3,072.50	209.94	-248.21	-158.00	0.00	0.00	0.00
3,200.00	10.14	310.23	3,170.93	221.31	-261.64	-166.56	0.00	0.00	0.00
3,300.00	10.14	310.23	3,269.37	232.67	-275.08	-175.11	0.00	0.00	0.00
3,400.00	10.14	310.23	3,367.81	244.04	-288.52	-183.66	0.00	0.00	0.00
3,500.00	10.14	310.23	3,466.25	255.40	-301.95	-192.22	0.00	0.00	0.00
3,600.00	10.14	310.23	3,564.69	266.77	-315.39	-200.77	0.00	0.00	0.00
3,700.00	10.14	310.23	3,663.13	278.13	-328.83	-209.33	0.00	0.00	0.00
3,800.00	10.14	310.23	3,761.57	289.50	-342.26	-217.88	0.00	0.00	0.00
3,900.00	10.14	310.23	3,860.01	300.86	-355.70	-226.43	0.00	0.00	0.00
4,000.00	10.14	310.23	3,958.45	312.23	-369.14	-234.99	0.00	0.00	0.00
4,100.00	10.14	310.23	4,056.89	323.59	-382.57	-243.54	0.00	0.00	0.00
4,101.13	10.14	310.23	4,058.00	323.72	-382.72	-243.64	0.00	0.00	0.00
Parkman									
4,200.00	10.14	310.23	4,155.33	334.96	-396.01	-252.09	0.00	0.00	0.00
4,300.00	10.14	310.23	4,253.77	346.32	-409.45	-260.65	0.00	0.00	0.00
4,400.00	10.14	310.23	4,352.21	357.69	-422.88	-269.20	0.00	0.00	0.00
4,500.00	10.14	310.23	4,450.65	369.06	-436.32	-277.75	0.00	0.00	0.00
4,600.00	10.14	310.23	4,549.09	380.42	-449.75	-286.31	0.00	0.00	0.00
4,617.18	10.14	310.23	4,566.00	382.37	-452.06	-287.78	0.00	0.00	0.00
Sussex									

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## Planning Report

<b>Database:</b>	edmp	<b>Local Co-ordinate Reference:</b>	Well CAMP 15N-26HZ
<b>Company:</b>	US ROCKIES REGION PLANNING	<b>TVD Reference:</b>	rkb+gl @ 5030.00ft
<b>Project:</b>	COLORADO NORTHERN ZONE - 83	<b>MD Reference:</b>	rkb+gl @ 5030.00ft
<b>Site:</b>	WELD_CAMP 5 PAD	<b>North Reference:</b>	True
<b>Well:</b>	CAMP 15N-26HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	CAMP 15N-26HZ		
<b>Design:</b>	CAMP 15N-26HZ (wp02)		

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)
4,700.00	10.14	310.23	4,647.52	391.79	-463.19	-294.86	0.00	0.00	0.00
4,800.00	10.14	310.23	4,745.96	403.15	-476.63	-303.41	0.00	0.00	0.00
4,900.00	10.14	310.23	4,844.40	414.52	-490.06	-311.97	0.00	0.00	0.00
5,000.00	10.14	310.23	4,942.84	425.88	-503.50	-320.52	0.00	0.00	0.00
5,100.00	10.14	310.23	5,041.28	437.25	-516.94	-329.07	0.00	0.00	0.00
5,200.00	10.14	310.23	5,139.72	448.61	-530.37	-337.63	0.00	0.00	0.00
5,300.00	10.14	310.23	5,238.16	459.98	-543.81	-346.18	0.00	0.00	0.00
5,400.00	10.14	310.23	5,336.60	471.34	-557.25	-354.73	0.00	0.00	0.00
5,500.00	10.14	310.23	5,435.04	482.71	-570.68	-363.29	0.00	0.00	0.00
5,600.00	10.14	310.23	5,533.48	494.07	-584.12	-371.84	0.00	0.00	0.00
5,700.00	10.14	310.23	5,631.92	505.44	-597.56	-380.39	0.00	0.00	0.00
5,800.00	10.14	310.23	5,730.36	516.80	-610.99	-388.95	0.00	0.00	0.00
5,900.00	10.14	310.23	5,828.80	528.17	-624.43	-397.50	0.00	0.00	0.00
6,000.00	10.14	310.23	5,927.24	539.53	-637.87	-406.05	0.00	0.00	0.00
6,100.00	10.14	310.23	6,025.67	550.90	-651.30	-414.61	0.00	0.00	0.00
6,200.00	10.14	310.23	6,124.11	562.26	-664.74	-423.16	0.00	0.00	0.00
6,300.00	10.14	310.23	6,222.55	573.63	-678.17	-431.71	0.00	0.00	0.00
6,400.00	10.14	310.23	6,320.99	584.99	-691.61	-440.27	0.00	0.00	0.00
6,500.00	10.14	310.23	6,419.43	596.36	-705.05	-448.82	0.00	0.00	0.00
6,600.00	10.14	310.23	6,517.87	607.72	-718.48	-457.37	0.00	0.00	0.00
6,671.15	10.14	310.23	6,587.91	615.81	-728.04	-463.46	0.00	0.00	0.00
6,700.00	8.58	295.19	6,616.38	618.36	-731.93	-465.22	10.00	-5.39	-52.12
6,800.00	10.04	230.56	6,715.31	616.00	-745.45	-460.28	10.00	1.46	-64.63
6,900.00	18.08	204.80	6,812.32	596.33	-758.72	-438.42	10.00	8.04	-25.75
7,000.00	27.41	195.33	6,904.47	559.95	-771.35	-400.29	10.00	9.34	-9.47
7,100.00	37.08	190.48	6,988.96	507.98	-782.95	-347.05	10.00	9.67	-4.86
7,200.00	46.87	187.41	7,063.23	441.99	-793.16	-280.33	10.00	9.79	-3.06
7,266.79	53.44	185.87	7,106.00	391.08	-799.06	-229.24	10.00	9.84	-2.30
Sharon Springs									
7,300.00	56.72	185.21	7,125.01	363.98	-801.68	-202.14	10.00	9.86	-2.01
7,391.52	65.76	183.59	7,169.00	284.07	-807.78	-122.57	10.00	9.88	-1.77
Niobrara A									
7,400.00	66.60	183.45	7,172.43	276.32	-808.25	-114.87	10.00	9.89	-1.62
7,476.16	74.13	182.29	7,198.00	204.73	-811.82	-43.95	10.00	9.90	-1.53
Niobrara B									
7,500.00	76.49	181.94	7,204.04	181.69	-812.67	-21.17	10.00	9.90	-1.45
7,600.00	86.40	180.55	7,218.90	82.95	-814.80	76.12	10.00	9.91	-1.39
7,642.98	90.66	179.97	7,220.00	40.00	-815.00	118.30	10.00	9.91	-1.35
7"									
7,680.35	91.03	179.99	7,219.45	2.63	-814.99	154.95	1.00	1.00	0.05
7,700.00	91.03	179.99	7,219.10	-17.02	-814.98	174.23	0.00	0.00	0.00
7,800.00	91.03	179.99	7,217.29	-117.00	-814.96	272.33	0.00	0.00	0.00
7,900.00	91.03	179.99	7,215.49	-216.98	-814.94	370.42	0.00	0.00	0.00
8,000.00	91.03	179.99	7,213.69	-316.97	-814.92	468.52	0.00	0.00	0.00
8,100.00	91.03	179.99	7,211.89	-416.95	-814.90	566.61	0.00	0.00	0.00
8,200.00	91.03	179.99	7,210.09	-516.93	-814.87	664.70	0.00	0.00	0.00
8,300.00	91.03	179.99	7,208.29	-616.92	-814.85	762.80	0.00	0.00	0.00
8,400.00	91.03	179.99	7,206.49	-716.90	-814.83	860.89	0.00	0.00	0.00
8,500.00	91.03	179.99	7,204.69	-816.89	-814.81	958.98	0.00	0.00	0.00
8,600.00	91.03	179.99	7,202.89	-916.87	-814.79	1,057.08	0.00	0.00	0.00
8,700.00	91.03	179.99	7,201.09	-1,016.85	-814.77	1,155.17	0.00	0.00	0.00
8,800.00	91.03	179.99	7,199.29	-1,116.84	-814.74	1,253.27	0.00	0.00	0.00
8,900.00	91.03	179.99	7,197.49	-1,216.82	-814.72	1,351.36	0.00	0.00	0.00
9,000.00	91.03	179.99	7,195.69	-1,316.81	-814.70	1,449.45	0.00	0.00	0.00

# Anadarko Petroleum Corp

## Planning Report

<b>Database:</b>	edmp	<b>Local Co-ordinate Reference:</b>	Well CAMP 15N-26HZ
<b>Company:</b>	US ROCKIES REGION PLANNING	<b>TVD Reference:</b>	rkb+gl @ 5030.00ft
<b>Project:</b>	COLORADO NORTHERN ZONE - 83	<b>MD Reference:</b>	rkb+gl @ 5030.00ft
<b>Site:</b>	WELD_CAMP 5 PAD	<b>North Reference:</b>	True
<b>Well:</b>	CAMP 15N-26HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	CAMP 15N-26HZ		
<b>Design:</b>	CAMP 15N-26HZ (wp02)		

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)
9,100.00	91.03	179.99	7,193.89	-1,416.79	-814.68	1,547.55	0.00	0.00	0.00
9,200.00	91.03	179.99	7,192.09	-1,516.77	-814.66	1,645.64	0.00	0.00	0.00
9,300.00	91.03	179.99	7,190.29	-1,616.76	-814.64	1,743.73	0.00	0.00	0.00
9,400.00	91.03	179.99	7,188.49	-1,716.74	-814.61	1,841.83	0.00	0.00	0.00
9,500.00	91.03	179.99	7,186.69	-1,816.72	-814.59	1,939.92	0.00	0.00	0.00
9,600.00	91.03	179.99	7,184.89	-1,916.71	-814.57	2,038.02	0.00	0.00	0.00
9,700.00	91.03	179.99	7,183.09	-2,016.69	-814.55	2,136.11	0.00	0.00	0.00
9,800.00	91.03	179.99	7,181.29	-2,116.68	-814.53	2,234.20	0.00	0.00	0.00
9,900.00	91.03	179.99	7,179.49	-2,216.66	-814.51	2,332.30	0.00	0.00	0.00
10,000.00	91.03	179.99	7,177.69	-2,316.64	-814.48	2,430.39	0.00	0.00	0.00
10,100.00	91.03	179.99	7,175.89	-2,416.63	-814.46	2,528.49	0.00	0.00	0.00
10,200.00	91.03	179.99	7,174.09	-2,516.61	-814.44	2,626.58	0.00	0.00	0.00
10,300.00	91.03	179.99	7,172.29	-2,616.59	-814.42	2,724.67	0.00	0.00	0.00
10,400.00	91.03	179.99	7,170.49	-2,716.58	-814.40	2,822.77	0.00	0.00	0.00
10,500.00	91.03	179.99	7,168.69	-2,816.56	-814.38	2,920.86	0.00	0.00	0.00
10,600.00	91.03	179.99	7,166.89	-2,916.55	-814.35	3,018.95	0.00	0.00	0.00
10,700.00	91.03	179.99	7,165.09	-3,016.53	-814.33	3,117.05	0.00	0.00	0.00
10,800.00	91.03	179.99	7,163.29	-3,116.51	-814.31	3,215.14	0.00	0.00	0.00
10,900.00	91.03	179.99	7,161.49	-3,216.50	-814.29	3,313.24	0.00	0.00	0.00
11,000.00	91.03	179.99	7,159.69	-3,316.48	-814.27	3,411.33	0.00	0.00	0.00
11,100.00	91.03	179.99	7,157.88	-3,416.46	-814.25	3,509.42	0.00	0.00	0.00
11,200.00	91.03	179.99	7,156.08	-3,516.45	-814.22	3,607.52	0.00	0.00	0.00
11,300.00	91.03	179.99	7,154.28	-3,616.43	-814.20	3,705.61	0.00	0.00	0.00
11,400.00	91.03	179.99	7,152.48	-3,716.42	-814.18	3,803.71	0.00	0.00	0.00
11,500.00	91.03	179.99	7,150.68	-3,816.40	-814.16	3,901.80	0.00	0.00	0.00
11,600.00	91.03	179.99	7,148.88	-3,916.38	-814.14	3,999.89	0.00	0.00	0.00
11,700.00	91.03	179.99	7,147.08	-4,016.37	-814.12	4,097.99	0.00	0.00	0.00
11,800.00	91.03	179.99	7,145.28	-4,116.35	-814.10	4,196.08	0.00	0.00	0.00
11,815.69	91.03	179.99	7,145.00	-4,132.04	-814.09	4,211.47	0.00	0.00	0.00
CAMP 15N-26HZ BHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
CAMP 15N-26HZ BHL	0.00	0.00	7,145.00	-4,132.04	-814.09	1,313,063.25	3,212,207.82	40.190260	-104.740402
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
900.00	900.00	9 5/8"	9-5/8	12-1/4	
7,642.98	7,220.00	7"	7	8-3/4	

# Anadarko Petroleum Corp

## Planning Report

<b>Database:</b>	edmp	<b>Local Co-ordinate Reference:</b>	Well CAMP 15N-26HZ
<b>Company:</b>	US ROCKIES REGION PLANNING	<b>TVD Reference:</b>	rkb+gl @ 5030.00ft
<b>Project:</b>	COLORADO NORTHERN ZONE - 83	<b>MD Reference:</b>	rkb+gl @ 5030.00ft
<b>Site:</b>	WELD_CAMP 5 PAD	<b>North Reference:</b>	True
<b>Well:</b>	CAMP 15N-26HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	CAMP 15N-26HZ		
<b>Design:</b>	CAMP 15N-26HZ (wp02)		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,101.13	4,058.00	Parkman				
4,617.18	4,566.00	Sussex				
7,266.79	7,106.00	Sharon Springs				
7,391.52	7,169.00	Niobrara A				
7,476.16	7,198.00	Niobrara B				