

Anadarko Petroleum Corp.

Weld County, CO (NAD 83)

Sec. 25-T3N-R66W

Camp 3N-25HZ

Plan A Rev 2

Survey: Final Field Surveys

Survey Report - Geographic

28 February, 2012

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Project	Weld County, CO (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	Sec. 25-T3N-R66W				
Site Position:		Northing:	1,313,128.73ft	Latitude:	40° 11' 25.410 N
From:	Lat/Long	Easting:	3,214,243.39ft	Longitude:	104° 43' 59.210 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.50 °

Well	Camp 3N-25HZ					
Well Position	+N/-S	0.00 ft	Northing:	1,313,282.65 ft	Latitude:	40° 11' 26.800 N
	+E/-W	0.00 ft	Easting:	3,215,771.31 ft	Longitude:	104° 43' 39.505 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	5,002.00 ft	Ground Level:	5,002.00 ft

Wellbore	Plan A Rev 2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	2011-12-21	8.74	66.86	52,927

Design	Actual Field Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	356.08	

Survey Program	Date	2012-02-28			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
125.00	825.00	Surface GYRO Surveys (Plan A Rev 2)	NS-GYRO-MS	North sensing gyrocompassing m/s	
956.00	7,577.00	Sperry MWD Surveys (Vert) (Plan A Rev 2)	MWD	MWD - Standard	
7,700.00	11,500.00	Gyro Survey (Lateral) (Plan A Rev 2)	GyroFlex	Explorer	
11,520.00	11,800.00	MWD Surveys (Lateral) (Plan A Rev 2)	MWD	MWD - Standard	

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	1,313,282.65	3,215,771.31	40° 11' 26.800 N	104° 43' 39.505 W
Tie-on to Surface @ 0.00ft									
125.00	0.30	0.73	125.00	0.33	0.00	1,313,282.97	3,215,771.31	40° 11' 26.803 N	104° 43' 39.505 W
First Gyro Survey @ 125.00ft									
225.00	0.39	330.76	225.00	0.89	-0.16	1,313,283.53	3,215,771.14	40° 11' 26.809 N	104° 43' 39.507 W
325.00	0.33	312.45	325.00	1.38	-0.54	1,313,284.02	3,215,770.76	40° 11' 26.813 N	104° 43' 39.512 W
425.00	0.63	302.11	424.99	1.86	-1.22	1,313,284.50	3,215,770.08	40° 11' 26.818 N	104° 43' 39.521 W
525.00	0.23	241.61	524.99	2.06	-1.86	1,313,284.69	3,215,769.43	40° 11' 26.820 N	104° 43' 39.529 W
625.00	0.27	245.16	624.99	1.87	-2.25	1,313,284.49	3,215,769.04	40° 11' 26.818 N	104° 43' 39.534 W
725.00	0.38	237.33	724.99	1.59	-2.74	1,313,284.21	3,215,768.55	40° 11' 26.816 N	104° 43' 39.540 W
825.00	0.20	169.04	824.99	1.24	-2.99	1,313,283.86	3,215,768.31	40° 11' 26.812 N	104° 43' 39.543 W
Final Gyro Survey @ 825.00ft - Tie-on to Gyro Surveys @ 825.00ft									
925.00	0.11	293.35	924.99	1.11	-3.04	1,313,283.73	3,215,768.26	40° 11' 26.811 N	104° 43' 39.544 W
First Sperry MWD Vertical Survey @ 925.00ft									
956.00	0.19	308.99	955.99	1.15	-3.11	1,313,283.77	3,215,768.19	40° 11' 26.811 N	104° 43' 39.545 W
1,047.00	0.23	316.39	1,046.98	1.38	-3.36	1,313,284.00	3,215,767.94	40° 11' 26.813 N	104° 43' 39.548 W
1,139.00	0.31	306.70	1,138.98	1.66	-3.68	1,313,284.28	3,215,767.61	40° 11' 26.816 N	104° 43' 39.552 W
1,231.00	0.26	302.63	1,230.98	1.92	-4.06	1,313,284.53	3,215,767.23	40° 11' 26.819 N	104° 43' 39.557 W
1,322.00	0.27	348.02	1,321.98	2.24	-4.28	1,313,284.85	3,215,767.01	40° 11' 26.822 N	104° 43' 39.560 W
1,414.00	0.33	308.62	1,413.98	2.62	-4.53	1,313,285.23	3,215,766.76	40° 11' 26.826 N	104° 43' 39.563 W
1,505.00	0.62	299.73	1,504.98	3.03	-5.16	1,313,285.63	3,215,766.12	40° 11' 26.830 N	104° 43' 39.571 W
1,597.00	0.78	303.77	1,596.97	3.62	-6.11	1,313,286.22	3,215,765.16	40° 11' 26.836 N	104° 43' 39.584 W
1,689.00	0.70	303.74	1,688.96	4.28	-7.10	1,313,286.87	3,215,764.17	40° 11' 26.842 N	104° 43' 39.597 W
1,780.00	0.89	319.94	1,779.95	5.13	-8.02	1,313,287.71	3,215,763.25	40° 11' 26.851 N	104° 43' 39.608 W
1,871.00	1.07	315.41	1,870.94	6.28	-9.07	1,313,288.85	3,215,762.19	40° 11' 26.862 N	104° 43' 39.622 W
1,967.00	1.21	304.22	1,966.92	7.49	-10.54	1,313,290.04	3,215,760.71	40° 11' 26.874 N	104° 43' 39.641 W
2,062.00	0.93	330.36	2,061.91	8.72	-11.75	1,313,291.27	3,215,759.49	40° 11' 26.886 N	104° 43' 39.656 W
2,158.00	0.75	323.53	2,157.90	9.90	-12.51	1,313,292.44	3,215,758.72	40° 11' 26.898 N	104° 43' 39.666 W
2,253.00	0.73	320.75	2,252.89	10.87	-13.26	1,313,293.40	3,215,757.96	40° 11' 26.907 N	104° 43' 39.676 W
2,348.00	0.55	320.32	2,347.88	11.69	-13.93	1,313,294.22	3,215,757.28	40° 11' 26.915 N	104° 43' 39.685 W
2,444.00	0.52	329.89	2,443.88	12.42	-14.45	1,313,294.94	3,215,756.76	40° 11' 26.923 N	104° 43' 39.691 W
2,539.00	3.57	209.72	2,538.82	10.23	-16.13	1,313,292.73	3,215,755.09	40° 11' 26.901 N	104° 43' 39.713 W
2,635.00	4.79	199.03	2,634.56	3.84	-18.92	1,313,286.32	3,215,752.36	40° 11' 26.838 N	104° 43' 39.749 W
2,730.00	5.62	189.90	2,729.17	-4.49	-21.01	1,313,277.97	3,215,750.34	40° 11' 26.756 N	104° 43' 39.776 W
2,825.00	7.62	200.73	2,823.54	-14.97	-24.04	1,313,267.47	3,215,747.40	40° 11' 26.652 N	104° 43' 39.815 W
2,921.00	10.08	202.57	2,918.39	-28.68	-29.52	1,313,253.71	3,215,742.04	40° 11' 26.516 N	104° 43' 39.885 W
3,017.00	10.57	205.29	3,012.83	-44.40	-36.51	1,313,237.94	3,215,735.19	40° 11' 26.361 N	104° 43' 39.975 W
3,112.00	11.18	205.71	3,106.13	-60.57	-44.22	1,313,221.69	3,215,727.62	40° 11' 26.201 N	104° 43' 40.075 W
3,208.00	10.87	205.90	3,200.36	-77.10	-52.21	1,313,205.10	3,215,719.77	40° 11' 26.038 N	104° 43' 40.178 W
3,303.00	9.15	203.62	3,293.91	-92.08	-59.15	1,313,190.06	3,215,712.96	40° 11' 25.890 N	104° 43' 40.267 W
3,398.00	10.58	213.77	3,387.51	-106.25	-67.03	1,313,175.82	3,215,705.21	40° 11' 25.750 N	104° 43' 40.369 W
3,494.00	8.76	211.49	3,482.14	-119.82	-75.75	1,313,162.18	3,215,696.61	40° 11' 25.616 N	104° 43' 40.481 W
3,589.00	10.07	205.88	3,575.86	-133.46	-83.15	1,313,148.48	3,215,689.33	40° 11' 25.481 N	104° 43' 40.576 W
3,684.00	9.86	200.85	3,669.43	-148.53	-89.67	1,313,133.35	3,215,682.94	40° 11' 25.332 N	104° 43' 40.660 W
3,780.00	10.34	201.23	3,763.94	-164.24	-95.72	1,313,117.58	3,215,677.03	40° 11' 25.177 N	104° 43' 40.738 W
3,875.00	9.23	203.49	3,857.56	-179.18	-101.84	1,313,102.60	3,215,671.04	40° 11' 25.029 N	104° 43' 40.817 W
3,971.00	11.25	204.74	3,952.02	-194.75	-108.83	1,313,086.97	3,215,664.18	40° 11' 24.875 N	104° 43' 40.907 W
4,066.00	10.87	204.22	4,045.26	-211.33	-116.38	1,313,070.32	3,215,656.78	40° 11' 24.711 N	104° 43' 41.005 W
4,162.00	11.97	203.62	4,139.36	-228.71	-124.09	1,313,052.88	3,215,649.23	40° 11' 24.540 N	104° 43' 41.104 W
4,257.00	12.41	204.61	4,232.21	-247.02	-132.28	1,313,034.50	3,215,641.19	40° 11' 24.359 N	104° 43' 41.210 W
4,352.00	10.83	204.17	4,325.26	-264.44	-140.19	1,313,017.01	3,215,633.43	40° 11' 24.187 N	104° 43' 41.311 W
4,448.00	9.46	204.05	4,419.76	-279.87	-147.10	1,313,001.52	3,215,626.66	40° 11' 24.034 N	104° 43' 41.400 W
4,543.00	10.38	208.78	4,513.34	-294.50	-154.40	1,312,986.82	3,215,619.49	40° 11' 23.890 N	104° 43' 41.495 W
4,639.00	9.24	207.84	4,607.94	-308.90	-162.16	1,312,972.36	3,215,611.85	40° 11' 23.747 N	104° 43' 41.595 W
4,734.00	9.96	206.72	4,701.60	-322.98	-169.42	1,312,958.21	3,215,604.72	40° 11' 23.608 N	104° 43' 41.688 W

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
4,830.00	11.01	204.91	4,796.00	-338.71	-177.01	1,312,942.42	3,215,597.26	40° 11' 23.453 N	104° 43' 41.786 W
4,925.00	10.46	209.32	4,889.34	-354.46	-185.06	1,312,926.60	3,215,589.35	40° 11' 23.297 N	104° 43' 41.890 W
5,020.00	9.91	210.14	4,982.84	-369.05	-193.39	1,312,911.94	3,215,581.15	40° 11' 23.153 N	104° 43' 41.997 W
5,115.00	8.82	210.61	5,076.57	-382.39	-201.20	1,312,898.54	3,215,573.46	40° 11' 23.021 N	104° 43' 42.098 W
5,210.00	9.65	205.23	5,170.34	-395.86	-208.30	1,312,885.01	3,215,566.47	40° 11' 22.888 N	104° 43' 42.189 W
5,306.00	9.09	207.77	5,265.06	-409.85	-215.26	1,312,870.96	3,215,559.63	40° 11' 22.750 N	104° 43' 42.279 W
5,401.00	9.69	203.06	5,358.79	-423.84	-221.89	1,312,856.90	3,215,553.13	40° 11' 22.611 N	104° 43' 42.364 W
5,496.00	9.47	200.39	5,452.47	-438.53	-227.75	1,312,842.17	3,215,547.40	40° 11' 22.466 N	104° 43' 42.440 W
5,591.00	10.20	200.42	5,546.07	-453.74	-233.41	1,312,826.92	3,215,541.87	40° 11' 22.316 N	104° 43' 42.513 W
5,687.00	8.14	199.01	5,640.84	-468.13	-238.59	1,312,812.48	3,215,536.82	40° 11' 22.174 N	104° 43' 42.579 W
5,782.00	8.52	204.46	5,734.84	-480.89	-243.69	1,312,799.67	3,215,531.83	40° 11' 22.048 N	104° 43' 42.645 W
5,877.00	9.66	200.94	5,828.64	-494.74	-249.45	1,312,785.77	3,215,526.19	40° 11' 21.911 N	104° 43' 42.719 W
5,972.00	9.31	201.31	5,922.34	-509.35	-255.09	1,312,771.12	3,215,520.67	40° 11' 21.766 N	104° 43' 42.792 W
6,068.00	8.32	201.42	6,017.21	-523.05	-260.45	1,312,757.37	3,215,515.43	40° 11' 21.631 N	104° 43' 42.861 W
6,163.00	6.70	195.42	6,111.39	-534.79	-264.44	1,312,745.60	3,215,511.55	40° 11' 21.515 N	104° 43' 42.912 W
6,258.00	6.56	199.19	6,205.76	-545.26	-267.69	1,312,735.10	3,215,508.39	40° 11' 21.412 N	104° 43' 42.954 W
6,353.00	5.27	197.38	6,300.25	-554.55	-270.78	1,312,725.79	3,215,505.38	40° 11' 21.320 N	104° 43' 42.994 W
6,448.00	3.12	203.60	6,394.99	-561.08	-273.12	1,312,719.23	3,215,503.10	40° 11' 21.255 N	104° 43' 43.024 W
6,544.00	0.86	194.13	6,490.93	-564.17	-274.34	1,312,716.13	3,215,501.90	40° 11' 21.225 N	104° 43' 43.040 W
6,643.00	0.36	22.45	6,589.92	-564.61	-274.40	1,312,715.70	3,215,501.84	40° 11' 21.220 N	104° 43' 43.041 W
6,655.00	0.50	83.77	6,601.92	-564.56	-274.34	1,312,715.74	3,215,501.91	40° 11' 21.221 N	104° 43' 43.040 W
6,687.00	0.31	66.77	6,633.92	-564.52	-274.12	1,312,715.79	3,215,502.13	40° 11' 21.221 N	104° 43' 43.037 W
6,719.00	0.71	353.29	6,665.92	-564.28	-274.06	1,312,716.02	3,215,502.18	40° 11' 21.224 N	104° 43' 43.036 W
6,750.00	2.89	341.00	6,696.90	-563.35	-274.34	1,312,716.95	3,215,501.90	40° 11' 21.233 N	104° 43' 43.040 W
6,782.00	5.66	344.92	6,728.81	-561.07	-275.01	1,312,719.23	3,215,501.20	40° 11' 21.255 N	104° 43' 43.049 W
6,814.00	8.94	352.29	6,760.55	-557.08	-275.76	1,312,723.21	3,215,500.43	40° 11' 21.295 N	104° 43' 43.058 W
6,845.00	12.17	356.10	6,791.02	-551.43	-276.30	1,312,728.85	3,215,499.83	40° 11' 21.351 N	104° 43' 43.065 W
6,877.00	15.74	356.59	6,822.07	-543.73	-276.79	1,312,736.55	3,215,499.28	40° 11' 21.427 N	104° 43' 43.072 W
6,909.00	18.85	357.49	6,852.62	-534.23	-277.28	1,312,746.04	3,215,498.71	40° 11' 21.521 N	104° 43' 43.078 W
6,941.00	21.31	357.05	6,882.67	-523.26	-277.80	1,312,757.01	3,215,498.09	40° 11' 21.629 N	104° 43' 43.085 W
6,973.00	24.61	357.74	6,912.13	-510.79	-278.36	1,312,769.47	3,215,497.42	40° 11' 21.752 N	104° 43' 43.092 W
7,004.00	26.31	357.60	6,940.12	-497.47	-278.91	1,312,782.78	3,215,496.76	40° 11' 21.884 N	104° 43' 43.099 W
7,036.00	27.92	356.05	6,968.61	-482.91	-279.72	1,312,797.34	3,215,495.82	40° 11' 22.028 N	104° 43' 43.109 W
7,068.00	30.65	355.90	6,996.51	-467.30	-280.82	1,312,812.94	3,215,494.58	40° 11' 22.182 N	104° 43' 43.123 W
7,100.00	33.98	356.56	7,023.55	-450.23	-281.94	1,312,829.99	3,215,493.31	40° 11' 22.351 N	104° 43' 43.138 W
7,132.00	37.30	357.40	7,049.56	-431.62	-282.92	1,312,848.60	3,215,492.18	40° 11' 22.535 N	104° 43' 43.150 W
7,163.00	40.96	358.42	7,073.60	-412.07	-283.62	1,312,868.14	3,215,491.30	40° 11' 22.728 N	104° 43' 43.160 W
7,195.00	43.28	358.92	7,097.33	-390.62	-284.12	1,312,889.59	3,215,490.62	40° 11' 22.940 N	104° 43' 43.166 W
7,227.00	45.91	0.95	7,120.12	-368.15	-284.13	1,312,912.05	3,215,490.40	40° 11' 23.162 N	104° 43' 43.166 W
7,259.00	49.49	1.93	7,141.65	-344.50	-283.53	1,312,935.71	3,215,490.80	40° 11' 23.396 N	104° 43' 43.158 W
7,290.00	53.49	2.23	7,160.95	-320.26	-282.65	1,312,959.95	3,215,491.47	40° 11' 23.635 N	104° 43' 43.147 W
7,322.00	57.24	1.65	7,179.13	-293.95	-281.76	1,312,986.27	3,215,492.13	40° 11' 23.895 N	104° 43' 43.136 W
7,354.00	60.51	1.51	7,195.67	-266.57	-281.01	1,313,013.65	3,215,492.64	40° 11' 24.166 N	104° 43' 43.126 W
7,386.00	63.32	0.12	7,210.74	-238.35	-280.61	1,313,041.88	3,215,492.80	40° 11' 24.445 N	104° 43' 43.121 W
7,418.00	66.41	0.12	7,224.33	-209.38	-280.55	1,313,070.84	3,215,492.60	40° 11' 24.731 N	104° 43' 43.120 W
7,450.00	69.17	0.35	7,236.42	-179.76	-280.43	1,313,100.46	3,215,492.47	40° 11' 25.024 N	104° 43' 43.118 W
7,481.00	71.92	1.27	7,246.75	-150.53	-280.01	1,313,129.69	3,215,492.63	40° 11' 25.312 N	104° 43' 43.113 W
7,513.00	74.32	1.38	7,256.04	-119.92	-279.31	1,313,160.30	3,215,493.07	40° 11' 25.615 N	104° 43' 43.104 W
7,545.00	75.68	1.10	7,264.32	-89.02	-278.64	1,313,191.21	3,215,493.47	40° 11' 25.920 N	104° 43' 43.095 W
7,577.00	78.72	1.85	7,271.41	-57.83	-277.83	1,313,222.40	3,215,494.00	40° 11' 26.228 N	104° 43' 43.085 W
Tie-on to Sperry MWD Vertical Surveys @ 7577.00ft - Final Sperry MWD Vertical Survey @ 7577.00ft									
7,600.00	80.92	1.60	7,275.47	-35.20	-277.15	1,313,245.03	3,215,494.49	40° 11' 26.452 N	104° 43' 43.076 W
First VES Gyro Survey @ 7600.00ft									
7,650.00	85.82	1.57	7,281.25	14.43	-275.78	1,313,294.67	3,215,495.43	40° 11' 26.942 N	104° 43' 43.059 W

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
7,689.30	88.78	2.45	7,283.10	53.65	-274.40	1,313,333.91	3,215,496.46	40° 11' 27.330 N	104° 43' 43.041 W
7" Casing Point @ 7689.30ft - 7" Intermediate Casing									
7,700.00	89.58	2.69	7,283.25	64.34	-273.92	1,313,344.60	3,215,496.85	40° 11' 27.436 N	104° 43' 43.035 W
7,750.00	89.19	2.71	7,283.79	114.28	-271.57	1,313,394.56	3,215,498.77	40° 11' 27.929 N	104° 43' 43.004 W
7,800.00	89.55	3.22	7,284.34	164.21	-268.98	1,313,444.51	3,215,500.92	40° 11' 28.423 N	104° 43' 42.971 W
7,850.00	89.87	3.74	7,284.59	214.12	-265.94	1,313,494.44	3,215,503.52	40° 11' 28.916 N	104° 43' 42.932 W
7,900.00	89.47	2.06	7,284.88	264.05	-263.41	1,313,544.39	3,215,505.62	40° 11' 29.409 N	104° 43' 42.899 W
7,950.00	88.14	1.22	7,285.92	314.02	-261.98	1,313,594.36	3,215,506.61	40° 11' 29.903 N	104° 43' 42.881 W
8,000.00	89.29	359.50	7,287.04	364.01	-261.67	1,313,644.34	3,215,506.49	40° 11' 30.397 N	104° 43' 42.877 W
8,050.00	89.79	359.70	7,287.44	414.00	-262.02	1,313,694.33	3,215,505.70	40° 11' 30.891 N	104° 43' 42.881 W
8,100.00	89.42	0.24	7,287.79	464.00	-262.05	1,313,744.33	3,215,505.24	40° 11' 31.385 N	104° 43' 42.882 W
8,150.00	89.27	358.78	7,288.36	513.99	-262.47	1,313,794.31	3,215,504.38	40° 11' 31.879 N	104° 43' 42.887 W
8,200.00	90.13	358.47	7,288.62	563.98	-263.67	1,313,844.28	3,215,502.75	40° 11' 32.373 N	104° 43' 42.903 W
8,250.00	91.15	357.56	7,288.06	613.94	-265.40	1,313,894.23	3,215,500.58	40° 11' 32.867 N	104° 43' 42.925 W
8,300.00	91.27	357.86	7,287.01	663.89	-267.40	1,313,944.16	3,215,498.15	40° 11' 33.360 N	104° 43' 42.951 W
8,350.00	91.17	357.86	7,285.94	713.85	-269.27	1,313,994.09	3,215,495.84	40° 11' 33.854 N	104° 43' 42.975 W
8,400.00	90.20	357.72	7,285.35	763.81	-271.20	1,314,044.03	3,215,493.48	40° 11' 34.348 N	104° 43' 43.000 W
8,450.00	90.92	357.65	7,284.86	813.76	-273.22	1,314,093.96	3,215,491.03	40° 11' 34.841 N	104° 43' 43.026 W
8,500.00	90.19	357.94	7,284.37	863.72	-275.14	1,314,143.90	3,215,488.67	40° 11' 35.335 N	104° 43' 43.050 W
8,550.00	89.22	358.43	7,284.63	913.70	-276.72	1,314,193.86	3,215,486.65	40° 11' 35.829 N	104° 43' 43.071 W
8,600.00	89.95	358.05	7,284.99	963.67	-278.26	1,314,243.82	3,215,484.68	40° 11' 36.323 N	104° 43' 43.091 W
8,650.00	89.78	359.38	7,285.11	1,013.66	-279.38	1,314,293.79	3,215,483.12	40° 11' 36.817 N	104° 43' 43.105 W
8,700.00	89.54	359.43	7,285.41	1,063.65	-279.90	1,314,343.78	3,215,482.17	40° 11' 37.311 N	104° 43' 43.112 W
8,750.00	89.73	358.71	7,285.73	1,113.65	-280.71	1,314,393.76	3,215,480.92	40° 11' 37.805 N	104° 43' 43.122 W
8,800.00	89.72	359.75	7,285.97	1,163.64	-281.38	1,314,443.74	3,215,479.81	40° 11' 38.299 N	104° 43' 43.131 W
8,850.00	89.65	359.21	7,286.24	1,213.64	-281.84	1,314,493.73	3,215,478.92	40° 11' 38.793 N	104° 43' 43.137 W
8,900.00	89.59	359.90	7,286.57	1,263.63	-282.23	1,314,543.72	3,215,478.10	40° 11' 39.287 N	104° 43' 43.142 W
8,950.00	89.59	359.80	7,286.93	1,313.63	-282.36	1,314,593.71	3,215,477.53	40° 11' 39.781 N	104° 43' 43.144 W
9,000.00	89.52	359.80	7,287.32	1,363.63	-282.53	1,314,643.71	3,215,476.92	40° 11' 40.275 N	104° 43' 43.146 W
9,050.00	89.72	359.31	7,287.65	1,413.63	-282.92	1,314,693.70	3,215,476.10	40° 11' 40.769 N	104° 43' 43.151 W
9,100.00	89.88	359.49	7,287.82	1,463.62	-283.44	1,314,743.69	3,215,475.14	40° 11' 41.263 N	104° 43' 43.158 W
9,150.00	89.99	0.76	7,287.88	1,513.62	-283.33	1,314,793.68	3,215,474.82	40° 11' 41.758 N	104° 43' 43.156 W
9,200.00	89.87	1.06	7,287.94	1,563.62	-282.54	1,314,843.68	3,215,475.17	40° 11' 42.252 N	104° 43' 43.146 W
9,250.00	89.46	1.91	7,288.23	1,613.60	-281.24	1,314,893.67	3,215,476.03	40° 11' 42.745 N	104° 43' 43.129 W
9,300.00	89.94	1.98	7,288.50	1,663.57	-279.55	1,314,943.65	3,215,477.30	40° 11' 43.239 N	104° 43' 43.107 W
9,350.00	90.81	2.30	7,288.17	1,713.53	-277.68	1,314,993.62	3,215,478.73	40° 11' 43.733 N	104° 43' 43.083 W
9,400.00	91.28	2.31	7,287.26	1,763.48	-275.67	1,315,043.59	3,215,480.30	40° 11' 44.227 N	104° 43' 43.057 W
9,450.00	91.21	1.08	7,286.17	1,813.45	-274.19	1,315,093.56	3,215,481.35	40° 11' 44.720 N	104° 43' 43.038 W
9,500.00	89.40	1.93	7,285.90	1,863.43	-272.88	1,315,143.55	3,215,482.22	40° 11' 45.214 N	104° 43' 43.021 W
9,550.00	89.44	1.86	7,286.41	1,913.40	-271.22	1,315,193.53	3,215,483.44	40° 11' 45.708 N	104° 43' 43.000 W
9,600.00	89.99	1.88	7,286.66	1,963.37	-269.59	1,315,243.51	3,215,484.64	40° 11' 46.202 N	104° 43' 42.979 W
9,650.00	90.30	1.42	7,286.53	2,013.35	-268.15	1,315,293.50	3,215,485.64	40° 11' 46.696 N	104° 43' 42.961 W
9,700.00	90.44	1.88	7,286.21	2,063.33	-266.71	1,315,343.49	3,215,486.65	40° 11' 47.190 N	104° 43' 42.942 W
9,750.00	90.66	1.01	7,285.73	2,113.31	-265.45	1,315,393.47	3,215,487.47	40° 11' 47.684 N	104° 43' 42.926 W
9,800.00	91.44	1.10	7,284.81	2,163.29	-264.53	1,315,443.46	3,215,487.96	40° 11' 48.178 N	104° 43' 42.914 W
9,850.00	90.53	0.40	7,283.95	2,213.28	-263.88	1,315,493.45	3,215,488.18	40° 11' 48.672 N	104° 43' 42.906 W
9,900.00	88.53	359.24	7,284.36	2,263.27	-264.03	1,315,543.44	3,215,487.58	40° 11' 49.166 N	104° 43' 42.908 W
9,950.00	89.50	359.51	7,285.22	2,313.26	-264.58	1,315,593.42	3,215,486.60	40° 11' 49.660 N	104° 43' 42.915 W
10,000.00	89.52	359.28	7,285.65	2,363.26	-265.11	1,315,643.41	3,215,485.64	40° 11' 50.154 N	104° 43' 42.921 W
10,050.00	89.26	358.89	7,286.18	2,413.25	-265.91	1,315,693.39	3,215,484.41	40° 11' 50.648 N	104° 43' 42.932 W
10,100.00	89.67	358.56	7,286.65	2,463.23	-267.02	1,315,743.36	3,215,482.86	40° 11' 51.142 N	104° 43' 42.946 W
10,150.00	90.18	358.91	7,286.72	2,513.22	-268.12	1,315,793.33	3,215,481.32	40° 11' 51.636 N	104° 43' 42.960 W
10,200.00	90.27	358.80	7,286.52	2,563.21	-269.12	1,315,843.31	3,215,479.88	40° 11' 52.130 N	104° 43' 42.973 W
10,250.00	90.41	358.61	7,286.22	2,613.20	-270.25	1,315,893.28	3,215,478.32	40° 11' 52.624 N	104° 43' 42.988 W
10,300.00	90.64	358.93	7,285.76	2,663.18	-271.32	1,315,943.25	3,215,476.81	40° 11' 53.117 N	104° 43' 43.002 W

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
10,350.00	90.12	359.09	7,285.43	2,713.18	-272.19	1,315,993.23	3,215,475.51	40° 11' 53.611 N	104° 43' 43.013 W
10,400.00	90.86	359.11	7,285.01	2,763.17	-272.97	1,316,043.21	3,215,474.29	40° 11' 54.106 N	104° 43' 43.023 W
10,450.00	91.02	358.99	7,284.19	2,813.15	-273.80	1,316,093.19	3,215,473.03	40° 11' 54.599 N	104° 43' 43.034 W
10,500.00	90.09	358.79	7,283.70	2,863.14	-274.77	1,316,143.16	3,215,471.62	40° 11' 55.093 N	104° 43' 43.046 W
10,550.00	88.69	358.83	7,284.23	2,913.13	-275.81	1,316,193.14	3,215,470.15	40° 11' 55.587 N	104° 43' 43.059 W
10,600.00	88.21	358.89	7,285.59	2,963.10	-276.80	1,316,243.10	3,215,468.72	40° 11' 56.081 N	104° 43' 43.072 W
10,650.00	88.86	358.92	7,286.86	3,013.07	-277.76	1,316,293.06	3,215,467.33	40° 11' 56.575 N	104° 43' 43.085 W
10,700.00	89.61	358.81	7,287.53	3,063.06	-278.75	1,316,343.03	3,215,465.90	40° 11' 57.069 N	104° 43' 43.097 W
10,750.00	90.11	358.77	7,287.65	3,113.05	-279.81	1,316,393.01	3,215,464.41	40° 11' 57.563 N	104° 43' 43.111 W
10,800.00	90.66	358.72	7,287.32	3,163.03	-280.90	1,316,442.98	3,215,462.88	40° 11' 58.057 N	104° 43' 43.125 W
10,850.00	91.23	358.81	7,286.49	3,213.01	-281.98	1,316,492.95	3,215,461.37	40° 11' 58.551 N	104° 43' 43.139 W
10,900.00	90.87	358.86	7,285.58	3,263.00	-282.99	1,316,542.92	3,215,459.92	40° 11' 59.045 N	104° 43' 43.152 W
10,950.00	90.28	359.04	7,285.08	3,312.98	-283.91	1,316,592.89	3,215,458.57	40° 11' 59.539 N	104° 43' 43.164 W
11,000.00	90.02	358.89	7,284.94	3,362.98	-284.81	1,316,642.87	3,215,457.23	40° 12' 0.033 N	104° 43' 43.175 W
11,050.00	89.45	358.74	7,285.18	3,412.96	-285.85	1,316,692.85	3,215,455.76	40° 12' 0.527 N	104° 43' 43.189 W
11,100.00	89.61	358.84	7,285.59	3,462.95	-286.90	1,316,742.82	3,215,454.27	40° 12' 1.021 N	104° 43' 43.202 W
11,150.00	88.47	358.12	7,286.42	3,512.93	-288.23	1,316,792.78	3,215,452.51	40° 12' 1.515 N	104° 43' 43.220 W
11,200.00	88.59	358.45	7,287.71	3,562.89	-289.73	1,316,842.72	3,215,450.58	40° 12' 2.008 N	104° 43' 43.239 W
11,250.00	89.66	358.89	7,288.47	3,612.87	-290.89	1,316,892.69	3,215,448.98	40° 12' 2.502 N	104° 43' 43.254 W
11,300.00	90.97	359.07	7,288.19	3,662.86	-291.78	1,316,942.67	3,215,447.65	40° 12' 2.996 N	104° 43' 43.265 W
11,350.00	91.33	358.60	7,287.19	3,712.84	-292.79	1,316,992.63	3,215,446.20	40° 12' 3.490 N	104° 43' 43.278 W
11,400.00	90.14	358.41	7,286.55	3,762.81	-294.10	1,317,042.60	3,215,444.46	40° 12' 3.984 N	104° 43' 43.295 W
11,450.00	90.06	358.13	7,286.46	3,812.79	-295.61	1,317,092.56	3,215,442.52	40° 12' 4.478 N	104° 43' 43.315 W
11,500.00	89.99	358.08	7,286.44	3,862.76	-297.26	1,317,142.51	3,215,440.43	40° 12' 4.972 N	104° 43' 43.336 W
Tie-on to VES Gyro Surveys @ 11500.00ft - Final VES Gyro Survey @ 11500.00ft									
11,520.00	90.00	357.92	7,286.44	3,882.75	-297.96	1,317,162.49	3,215,439.56	40° 12' 5.169 N	104° 43' 43.345 W
First Sperry MWD Lateral Survey @ 11520.00ft									
11,547.00	90.19	358.08	7,286.40	3,909.74	-298.90	1,317,189.46	3,215,438.38	40° 12' 5.436 N	104° 43' 43.357 W
11,647.00	90.43	357.59	7,285.86	4,009.66	-302.68	1,317,289.35	3,215,433.73	40° 12' 6.423 N	104° 43' 43.406 W
11,742.00	90.00	356.79	7,285.50	4,104.55	-307.33	1,317,384.19	3,215,428.25	40° 12' 7.361 N	104° 43' 43.466 W
11,750.00	89.88	356.86	7,285.51	4,112.53	-307.78	1,317,392.17	3,215,427.74	40° 12' 7.440 N	104° 43' 43.472 W
Final Sperry MWD Lateral Survey @ 11750.00ft									
11,800.00	89.88	356.86	7,285.61	4,162.46	-310.52	1,317,442.07	3,215,424.56	40° 12' 7.933 N	104° 43' 43.507 W
Straight Line Projection to TD @ 11800.00ft									

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Targets

Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Camp 3N-25HZ_SHL	- survey hits target center	0.00	0.00	0.00	0.01	0.00	1,313,282.66	3,215,771.31	40° 11' 26.800 N	104° 43' 39.505 W
- Point										
Camp 3N-25HZ_pAr2	- survey misses target center by 26.50ft at 11800.00ft MD (7285.61 TVD, 4162.46 N, -310.52 E)	0.00	0.00	7,289.00	4,172.14	-286.09	1,317,451.96	3,215,448.91	40° 12' 8.029 N	104° 43' 43.192 W
- Point										
Camp 2 Pad_Section	- survey misses target center by 1536.26ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)	0.00	0.00	-41.00	-140.60	-1,529.27	1,313,128.73	3,214,243.39	40° 11' 25.410 N	104° 43' 59.210 W
- Polygon										
Point 1				-41.00	4,620.47	-2,036.52	1,317,885.00	3,213,694.71		
Point 2				-41.00	4,638.63	674.33	1,317,926.77	3,216,405.19		
Point 3				-41.00	4,695.91	3,319.25	1,318,007.08	3,219,049.40		
Point 4				-41.00	2,061.53	3,322.49	1,315,372.94	3,219,075.58		
Point 5				-41.00	-577.85	3,325.98	1,312,733.81	3,219,102.06		
Point 6				-41.00	-610.07	645.35	1,312,678.24	3,216,421.92		
Point 7				-41.00	-642.27	-2,035.26	1,312,622.70	3,213,741.81		
Point 8				-41.00	1,989.12	-2,035.90	1,315,253.87	3,213,718.25		
Point 9				-41.00	4,620.47	-2,036.52	1,317,885.00	3,213,694.71		
Camp 2 Pad_Setback	- survey misses target center by 1536.26ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)	0.00	0.00	-41.00	-140.60	-1,529.27	1,313,128.73	3,214,243.39	40° 11' 25.410 N	104° 43' 59.210 W
- Polygon										
Point 1				-41.00	4,156.49	-1,580.50	1,317,425.03	3,214,154.74		
Point 2				-41.00	4,178.63	670.35	1,317,466.77	3,216,405.21		
Point 3				-41.00	4,239.89	2,855.27	1,317,547.06	3,218,589.42		
Point 4				-41.00	2,065.51	2,862.49	1,315,372.92	3,218,615.58		
Point 5				-41.00	-113.87	2,869.95	1,313,193.78	3,218,642.02		
Point 6				-41.00	-150.07	649.33	1,313,138.24	3,216,421.90		
Point 7				-41.00	-186.25	-1,571.28	1,313,082.72	3,214,201.78		
Point 8				-41.00	1,985.14	-1,575.90	1,315,253.90	3,214,178.25		
Point 9				-41.00	4,156.49	-1,580.50	1,317,425.03	3,214,154.74		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,689.30	7,283.10	7" Intermediate Casing	7	8-3/4

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Targets

Target Name	- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
Camp 3N-25HZ_SHL		0.00	0.00	0.00	0.01	0.00	1,313,282.66	3,215,771.31	40° 11' 26.800 N	104° 43' 39.505 W
- survey hits target center										
- Point										
Camp 3N-25HZ_pAr2		0.00	0.00	7,289.00	4,172.14	-286.09	1,317,451.96	3,215,448.91	40° 12' 8.029 N	104° 43' 43.192 W
- survey misses target center by 26.50ft at 11800.00ft MD (7285.61 TVD, 4162.46 N, -310.52 E)										
- Point										
Camp 2 Pad_Section		0.00	0.00	-41.00	-140.60	-1,529.27	1,313,128.73	3,214,243.39	40° 11' 25.410 N	104° 43' 59.210 W
- survey misses target center by 1536.26ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)										
- Polygon										
Point 1				-41.00	4,620.47	-2,036.52	1,317,885.00	3,213,694.71		
Point 2				-41.00	4,638.63	674.33	1,317,926.77	3,216,405.19		
Point 3				-41.00	4,695.91	3,319.25	1,318,007.08	3,219,049.40		
Point 4				-41.00	2,061.53	3,322.49	1,315,372.94	3,219,075.58		
Point 5				-41.00	-577.85	3,325.98	1,312,733.81	3,219,102.06		
Point 6				-41.00	-610.07	645.35	1,312,678.24	3,216,421.92		
Point 7				-41.00	-642.27	-2,035.26	1,312,622.70	3,213,741.81		
Point 8				-41.00	1,989.12	-2,035.90	1,315,253.87	3,213,718.25		
Point 9				-41.00	4,620.47	-2,036.52	1,317,885.00	3,213,694.71		
Camp 2 Pad_Setback		0.00	0.00	-41.00	-140.60	-1,529.27	1,313,128.73	3,214,243.39	40° 11' 25.410 N	104° 43' 59.210 W
- survey misses target center by 1536.26ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)										
- Polygon										
Point 1				-41.00	4,156.49	-1,580.50	1,317,425.03	3,214,154.74		
Point 2				-41.00	4,178.63	670.35	1,317,466.77	3,216,405.21		
Point 3				-41.00	4,239.89	2,855.27	1,317,547.06	3,218,589.42		
Point 4				-41.00	2,065.51	2,862.49	1,315,372.92	3,218,615.58		
Point 5				-41.00	-113.87	2,869.95	1,313,193.78	3,218,642.02		
Point 6				-41.00	-150.07	649.33	1,313,138.24	3,216,421.90		
Point 7				-41.00	-186.25	-1,571.28	1,313,082.72	3,214,201.78		
Point 8				-41.00	1,985.14	-1,575.90	1,315,253.90	3,214,178.25		
Point 9				-41.00	4,156.49	-1,580.50	1,317,425.03	3,214,154.74		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,689.30	7,283.10	7" Intermediate Casing	7	8-3/4

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
0.00	0.00	0.00	0.00	Tie-on to Surface @ 0.00ft
125.00	125.00	0.33	0.00	First Gyro Survey @ 125.00ft
825.00	824.99	1.24	-2.99	Final Gyro Survey @ 825.00ft
825.00	824.99	1.24	-2.99	Tie-on to Gyro Surveys @ 825.00ft
925.00	924.99	1.11	-3.04	First Sperry MWD Vertical Survey @ 925.00ft
7,577.00	7,271.41	-57.83	-277.83	Tie-on to Sperry MWD Vertical Surveys @ 7577.00ft
7,577.00	7,271.41	-57.83	-277.83	Final Sperry MWD Vertical Survey @ 7577.00ft
7,600.00	7,275.47	-35.20	-277.15	First VES Gyro Survey @ 7600.00ft
7,689.30	7,283.10	53.65	-274.40	7" Casing Point @ 7689.30ft
11,500.00	7,286.44	3,862.76	-297.26	Tie-on to VES Gyro Surveys @ 11500.00ft
11,500.00	7,286.44	3,862.76	-297.26	Final VES Gyro Survey @ 11500.00ft
11,520.00	7,286.44	3,882.75	-297.96	First Sperry MWD Lateral Survey @ 11520.00ft

Halliburton Company

Survey Report - Geographic

Company:	Anadarko Petroleum Corp.	Local Co-ordinate Reference:	Well Camp 3N-25HZ
Project:	Weld County, CO (NAD 83)	TVD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Site:	Sec. 25-T3N-R66W	MD Reference:	RKB 25' @ 5027.00ft (H&P 308)
Well:	Camp 3N-25HZ	North Reference:	True
Wellbore:	Plan A Rev 2	Survey Calculation Method:	Minimum Curvature
Design:	Actual Field Surveys	Database:	Sperry Compass 2003.16 Network

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Camp 3N-25HZ_SHL - survey hits target center - Point	0.00	0.00	0.00	0.01	0.00	1,313,282.66	3,215,771.31	40° 11' 26.800 N	104° 43' 39.505 W
Camp 3N-25HZ_pAr2 - survey misses target center by 26.50ft at 11800.00ft MD (7285.61 TVD, 4162.46 N, -310.52 E) - Point	0.00	0.00	7,289.00	4,172.14	-286.09	1,317,451.96	3,215,448.91	40° 12' 8.029 N	104° 43' 43.192 W
Camp 2 Pad_Section - survey misses target center by 1536.26ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	-41.00	-140.60	-1,529.27	1,313,128.73	3,214,243.39	40° 11' 25.410 N	104° 43' 59.210 W
Point 1			-41.00	4,620.47	-2,036.52	1,317,885.00	3,213,694.71		
Point 2			-41.00	4,638.63	674.33	1,317,926.77	3,216,405.19		
Point 3			-41.00	4,695.91	3,319.25	1,318,007.08	3,219,049.40		
Point 4			-41.00	2,061.53	3,322.49	1,315,372.94	3,219,075.58		
Point 5			-41.00	-577.85	3,325.98	1,312,733.81	3,219,102.06		
Point 6			-41.00	-610.07	645.35	1,312,678.24	3,216,421.92		
Point 7			-41.00	-642.27	-2,035.26	1,312,622.70	3,213,741.81		
Point 8			-41.00	1,989.12	-2,035.90	1,315,253.87	3,213,718.25		
Point 9			-41.00	4,620.47	-2,036.52	1,317,885.00	3,213,694.71		
Camp 2 Pad_Setback - survey misses target center by 1536.26ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	-41.00	-140.60	-1,529.27	1,313,128.73	3,214,243.39	40° 11' 25.410 N	104° 43' 59.210 W
Point 1			-41.00	4,156.49	-1,580.50	1,317,425.03	3,214,154.74		
Point 2			-41.00	4,178.63	670.35	1,317,466.77	3,216,405.21		
Point 3			-41.00	4,239.89	2,855.27	1,317,547.06	3,218,589.42		
Point 4			-41.00	2,065.51	2,862.49	1,315,372.92	3,218,615.58		
Point 5			-41.00	-113.87	2,869.95	1,313,193.78	3,218,642.02		
Point 6			-41.00	-150.07	649.33	1,313,138.24	3,216,421.90		
Point 7			-41.00	-186.25	-1,571.28	1,313,082.72	3,214,201.78		
Point 8			-41.00	1,985.14	-1,575.90	1,315,253.90	3,214,178.25		
Point 9			-41.00	4,156.49	-1,580.50	1,317,425.03	3,214,154.74		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,689.30	7,283.10	7" Intermediate Casing	7	8-3/4
11,750.00	7,285.51	4,112.53	-307.78	Final Sperry MWD Lateral Survey @ 11750.00ft
11,800.00	7,285.61	4,162.46	-310.52	Straight Line Projection to TD @ 11800.00ft

Checked By: _____ Approved By: _____ Date: _____