



Weatherford®

SURVEY REPORT

Report Date: **6/5/2012**
 Customer: **Anadarko**
 Job Name: **4026337**
 Well Name: **Camp 25N-30HZ**

Field: **Wattenberg**
 Rig: **H&P Flex # 307**
 Rig Loc: **Platteville, CO**

Survey Calculation Method: Minimum Curvature						
Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	350.84 deg	52873 nT	66.83 deg	8.68 deg	0.00 deg	8.68 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	11115.00 ft	89.66 deg	1.54 deg	7158.45 ft	3959.14 ft	-890.72 ft

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head			
				NS (ft)	EW (ft)	Vsect (ft)	Dogleg (deg/100ft)
11199.00	90.44	2.33	7158.38	4043.09	-887.88	4132.88	1.32
11294.00	90.74	0.07	7157.40	4138.06	-885.89	4226.32	2.40
11388.00	89.94	359.54	7156.84	4232.06	-886.21	4319.16	1.02
11483.00	90.25	359.79	7156.68	4327.05	-886.77	4413.04	0.42
11578.00	88.89	358.45	7157.40	4422.04	-888.23	4507.04	2.01
11674.00	88.64	358.22	7159.47	4517.97	-891.02	4602.20	0.35
11769.00	89.38	355.91	7161.11	4612.83	-895.88	4696.62	2.55
11864.00	88.95	355.56	7162.49	4707.55	-902.94	4791.26	0.58
11959.00	89.57	354.64	7163.72	4802.20	-911.06	4885.99	1.17
12054.00	90.31	353.82	7163.82	4896.71	-920.61	4980.82	1.16
12149.00	89.20	352.05	7164.22	4990.99	-932.29	5075.75	2.20
12245.00	89.01	351.71	7165.72	5086.01	-945.85	5171.73	0.41
12340.00	89.20	350.34	7167.21	5179.83	-960.67	5266.71	1.46
12435.00	88.83	349.78	7168.84	5273.39	-977.07	5361.69	0.71
12530.00	89.91	349.64	7169.88	5366.86	-994.03	5456.66	1.15
12626.00	90.31	349.33	7169.70	5461.25	-1011.55	5552.63	0.53
12722.00	89.81	348.24	7169.60	5555.41	-1030.22	5648.57	1.25
12817.00	89.47	347.88	7170.20	5648.35	-1049.88	5743.46	0.52
12912.00	89.20	348.21	7171.30	5741.29	-1069.56	5838.34	0.45
12935.00	89.12	346.82	7171.64	5763.74	-1074.53	5861.30	6.05
13029.00	89.38	347.84	7172.87	5855.44	-1095.14	5955.11	1.12
13124.00	90.86	349.59	7172.67	5948.60	-1113.73	6050.04	2.41
13219.00	90.37	351.30	7171.65	6042.27	-1129.50	6145.03	1.87
13313.00	90.74	352.84	7170.74	6135.37	-1142.47	6239.00	1.68
13408.00	90.80	355.80	7169.46	6229.88	-1151.87	6333.80	3.12
13503.00	92.10	358.40	7167.06	6324.72	-1156.67	6428.20	3.06
13598.00	92.28	358.96	7163.43	6419.62	-1158.86	6522.24	0.62
13693.00	92.84	0.14	7159.18	6514.52	-1159.60	6616.05	1.37
13788.00	91.98	1.34	7155.19	6609.43	-1158.38	6709.55	1.55
13883.00	89.51	1.27	7153.95	6704.39	-1156.22	6802.95	2.60
13978.00	88.09	0.84	7155.94	6799.35	-1154.47	6896.42	1.56
14072.00	89.01	1.90	7158.32	6893.29	-1152.22	6988.81	1.49
14088.00	88.77	1.72	7158.63	6909.28	-1151.71	7004.51	1.87
14144.00	88.77	1.72	7159.83	6965.24	-1150.03	7059.49	0.00

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		

Weatherford Surveys from 11199.00 ft MD to 14088.00 ft MD.
TD at 14144.00 ft MD.
The total correction is 8.68 deg relative to True North.