



COMPANY Anadarko Petr
API: 05-123-14432
DATE: 8/18/2011
Well: HSR-FEDERAL 15-36
Location: Weld Co
North Reference: True North

MD	TVD	Inclination	Azimuth	N/S Offset	E/W Offset
0	0	0	0	0	0
100	100	0.32	161.13	-0.26	0.09
200	200	0.13	59.52	-0.47	0.28
300	300	0.57	265.57	-0.45	-0.12
400	400	0.24	169.57	-0.7	-0.58
500	500	0.37	359.84	-0.58	-0.54
600	599.99	0.45	254.94	-0.36	-0.92
700	699.99	0.34	35.31	-0.22	-1.13
800	799.99	0.39	335.25	0.33	-1.1
900	899.99	0.33	332.53	0.9	-1.37
1000	999.99	0.26	142.83	0.97	-1.37
1100	1099.99	0.15	73.38	0.83	-1.11
1200	1199.99	0.53	256.18	0.76	-1.43
1300	1299.98	0.45	216.5	0.33	-2.11
1400	1399.98	0.13	147.12	-0.08	-2.29
1500	1499.98	0.14	0.41	-0.05	-2.22
1600	1599.98	0.57	263	0.01	-2.72
1700	1699.98	0.52	246.46	-0.23	-3.63
1800	1799.97	0.44	221.48	-0.7	-4.3
1900	1899.97	0.42	313.21	-0.74	-4.82
2000	1999.97	0.47	302.89	-0.27	-5.43
2100	2099.96	0.41	241.39	-0.22	-6.09
2200	2199.96	0.34	25.83	-0.12	-6.27
2300	2299.96	0.54	9.33	0.61	-6.07
2400	2399.96	0.27	126.28	0.94	-5.8
2500	2499.96	0.41	136.23	0.54	-5.36
2600	2599.96	0.42	140.64	0	-4.88
2700	2699.95	0.47	259.73	-0.36	-5.06
2800	2799.95	0.86	213.05	-1.06	-5.87
2900	2899.94	0.77	265.08	-1.75	-6.95
3000	2999.93	0.94	224.26	-2.39	-8.19
3100	3099.92	0.76	272.93	-2.95	-9.42
3200	3199.91	0.62	224.62	-3.3	-10.47
3300	3299.9	0.9	259	-3.83	-11.62
3400	3399.9	0.55	233.7	-4.27	-12.77
3500	3499.89	0.9	233.71	-5.01	-13.79
3600	3599.87	0.98	232.82	-6	-15.11
3700	3699.85	1.26	237.97	-7.1	-16.72
3800	3799.83	1.13	245.51	-8.09	-18.55

3900	3899.8	1.63	259.74	-8.75	-20.85
4000	3999.76	1.8	269.57	-9.02	-23.82
4100	4099.7	2.07	287.57	-8.48	-27.11
4200	4199.62	2.55	302.12	-6.75	-30.72
4300	4299.5	3.04	309.81	-3.87	-34.64
4400	4399.4	2.26	301.56	-1.14	-38.35
4500	4499.3	2.67	316.27	1.57	-41.65
4600	4599.19	2.74	315.05	4.95	-44.94
4700	4699.07	3.05	314.73	8.51	-48.52
4800	4798.92	3.19	315.13	12.35	-52.38
4900	4898.76	3.25	312.51	16.24	-56.43
5000	4998.6	3.27	298.68	19.53	-61.02
5100	5098.4	3.87	293.95	22.26	-66.61
5200	5198.17	3.93	293.86	25.02	-72.82
5300	5297.97	3.4	293.26	27.58	-78.68
5400	5397.8	3.22	290.28	29.72	-84.04
5500	5497.64	3.37	286.49	31.53	-89.49
5600	5597.47	3.26	286.95	33.19	-95.03
5700	5697.3	3.38	282.65	34.67	-100.63
5800	5797.14	3.04	282.68	35.9	-106.09
5900	5897.01	2.95	273.75	36.65	-111.25
6000	5996.87	3.1	281.11	37.33	-116.47
6100	6096.72	3.18	279.52	38.31	-121.86
6200	6196.56	3.31	292.82	39.89	-127.25
6300	6296.4	3.07	298.86	42.31	-132.26
6400	6396.25	3.32	294.18	44.78	-137.25
6500	6496.12	2.45	293.28	46.81	-141.85
6600	6596.03	2.5	300.59	48.77	-145.69
6700	6695.96	1.64	304.93	50.7	-148.74
6800	6795.92	1.76	311.36	52.53	-151.07
6900	6895.88	1.59	310.84	54.45	-153.27
7000	6995.83	1.98	311.7	56.51	-155.61
7100	7095.74	2.73	296.66	58.73	-159.03
7200	7195.6	3.4	292.8	60.95	-163.89
7300	7295.39	3.97	289.1	63.23	-169.89