



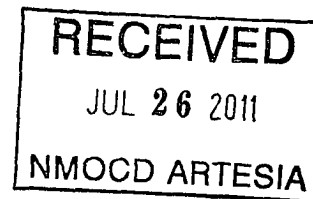
Scientific Drilling

Gyroscopic Survey Report
for
DEVON ENERGY

30-015-38281

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	SLIDER 8 FEDERAL #2H
Rig Name	H&P 416
Survey Date	2/7/2011
Latitude	32.14 deg
North Reference	Grid North
Grid Correction	-0.18 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 270.37Azim (deg)
Definitive Survey	FINAL OUTRUN SURVEY
Operator	A.MADRID

Comments





Well Name: SLIDER 8 FEDERAL #2H

Survey: FINAL OUTFRAN SURVEY

Survey Date: 2/7/2011

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.58	161.11	100.00	-0.17	-0.48	0.17	0.58	0.51	161.11
200.00	0.84	170.49	199.99	-0.46	-1.69	0.45	0.28	1.75	165.03
300.00	0.72	52.85	299.99	-1.09	-2.03	1.07	1.34	2.30	152.20
400.00	1.82	9.40	399.96	-1.83	-0.09	1.83	1.39	1.83	92.86
500.00	3.55	2.26	499.85	-2.18	4.57	2.21	1.77	5.08	25.84
600.00	4.00	1.94	599.63	-2.38	11.15	2.45	0.45	11.42	12.41
700.00	3.86	3.58	699.40	-2.67	18.00	2.78	0.18	18.21	8.78
800.00	3.51	4.87	799.19	-3.09	24.41	3.25	0.36	24.63	7.59
900.00	3.32	3.84	899.01	-3.51	30.36	3.71	0.20	30.59	6.96
1000.00	3.40	2.96	998.84	-3.82	36.21	4.05	0.09	36.44	6.39
1100.00	3.60	4.63	1098.65	-4.19	42.30	4.46	0.23	42.54	6.02
1200.00	3.61	8.59	1198.45	-4.87	48.55	5.18	0.25	48.82	6.09
1300.00	3.62	8.97	1298.26	-5.79	54.77	6.15	0.03	55.11	6.40
1400.00	3.43	11.67	1398.07	-6.85	60.81	7.24	0.25	61.24	6.79
1500.00	3.29	10.84	1497.89	-7.96	66.56	8.39	0.15	67.09	7.18
1600.00	3.15	10.28	1597.74	-8.95	72.08	9.42	0.14	72.70	7.44
1700.00	3.00	9.68	1697.59	-9.85	77.37	10.35	0.16	78.05	7.62
1800.00	2.72	7.63	1797.47	-10.57	82.29	11.10	0.30	83.04	7.68
1900.00	2.31	10.14	1897.37	-11.21	86.63	11.77	0.42	87.43	7.74
2000.00	1.80	12.09	1997.31	-11.87	90.16	12.46	0.51	91.01	7.87
2100.00	1.54	10.43	2097.26	-12.43	93.02	13.03	0.26	93.93	7.97
2200.00	1.40	47.82	2197.23	-13.56	95.17	14.18	0.95	96.22	8.47
2300.00	2.19	84.59	2297.19	-16.37	96.17	16.99	1.36	97.66	10.02
2400.00	2.50	88.84	2397.10	-20.46	96.39	21.08	0.35	98.67	12.34
2500.00	3.25	95.28	2496.98	-25.46	96.18	26.08	0.81	99.65	15.17
2600.00	4.24	102.60	2596.76	-31.89	95.11	32.51	1.10	100.51	18.87
2700.00	5.34	104.81	2696.41	-40.01	93.12	40.61	1.12	101.59	23.56
2788.00	5.29	99.59	2784.03	-47.99	91.39	48.58	0.55	103.50	27.99