



Scientific Drilling

Gyroscopic Survey Report
for

MEWBOURNE OIL

30-015-38229

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	LIMOUSINE 15 FE FED #1H
Rig Name	PATTERSON 101
Survey Date	11/12/2010
Latitude	32.57 deg
North Reference	Grid North
Grid Correction	0.07 deg
Depth Reference	18' K.B.
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 271.01Azim (deg)
Definitive Survey	FINAL GYRO SURVEY
Operator	J.SUTHERLAND

Comments



Survey Report

Well Name: LIMOUSINE 15 FE FED #1H

Survey: FINAL GYRO SURVEY

Survey Date: 11/12/2010

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	0.29	214.79	100.00	0.14	-0.21	-0.14	0.29	0.25	214.79
200.00	0.21	194.57	200.00	0.32	-0.59	-0.33	0.12	0.67	209.51
300.00	0.18	228.76	300.00	0.48	-0.86	-0.49	0.12	0.99	209.78
400.00	0.22	211.71	400.00	0.69	-1.12	-0.71	0.07	1.33	212.22
500.00	0.24	229.18	500.00	0.94	-1.42	-0.96	0.07	1.72	214.16
600.00	0.20	264.61	600.00	1.26	-1.57	-1.29	0.14	2.03	219.43
700.00	0.35	312.88	700.00	1.66	-1.38	-1.69	0.26	2.18	230.68
800.00	0.95	306.58	799.99	2.56	-0.68	-2.57	0.60	2.66	255.15
900.00	0.89	299.02	899.98	3.92	0.19	-3.92	0.13	3.92	272.76
1000.00	1.03	296.67	999.96	5.41	0.97	-5.40	0.14	5.48	280.17
1100.00	1.18	295.00	1099.94	7.16	1.80	-7.13	0.15	7.35	284.21
1200.00	0.88	308.81	1199.93	8.70	2.72	-8.65	0.39	9.07	287.44
1300.00	0.81	302.47	1299.92	9.91	3.58	-9.85	0.12	10.47	289.96
1400.00	1.00	304.16	1399.90	11.24	4.44	-11.16	0.19	12.01	291.71
1500.00	0.90	310.88	1499.89	12.57	5.45	-12.48	0.15	13.62	293.59
1600.00	1.09	327.23	1599.87	13.71	6.77	-13.59	0.34	15.18	296.46
1700.00	1.24	331.33	1699.85	14.77	8.52	-14.62	0.18	16.92	300.21
1800.00	1.79	334.16	1799.82	16.01	10.87	-15.83	0.55	19.20	304.49
1900.00	1.50	335.81	1899.78	17.28	13.47	-17.04	0.30	21.72	308.32
2000.00	0.89	324.57	1999.76	18.30	15.30	-18.03	0.64	23.64	310.31
2074.33	0.70	343.38	2074.08	18.78	16.20	-18.49	0.44	24.59	311.22