



Scientific Drilling

Gyroscopic Survey Report
for
MEWBOURNE OIL COMPANY



Well Location	EDDY COUNTY, NEW MEXICO
Well Name	LIMOUSINE "15"L #1
Rig Name	ENERTECH CRANE TRUCK
Survey Date	8/24/2009
Latitude	32.57 deg
North Reference	True North
Grid Correction	0.00 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 325.11Azim (deg)
Definitive Survey	FINAL SURVEY
Operator	LEO GARZA

Comments

ZERO REFERENCE IS 13 FOOT K.B. AT SENSOR



Scientific Drilling

Survey Report

Well Name:		LIMOUSINE "15"L #1							
Survey:		FINAL SURVEY							
Survey Date:		8/24/2009							
MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.40	227.15	100.00	-0.05	-0.24	-0.26	0.40	0.35	227.15
200.00	0.42	211.44	200.00	-0.24	-0.79	-0.70	0.11	1.06	221.82
300.00	0.26	220.62	299.99	-0.45	-1.27	-1.04	0.16	1.84	219.37
400.00	0.39	225.58	399.99	-0.56	-1.68	-1.43	0.13	2.21	220.45
500.00	0.36	216.19	499.99	-0.72	-2.18	-1.86	0.07	2.86	220.59
600.00	0.39	290.94	599.99	-0.54	-2.31	-2.37	0.46	3.31	225.78
700.00	1.42	323.80	699.98	0.99	-1.18	-3.43	1.11	3.62	250.94
800.00	1.57	333.77	799.94	3.59	1.05	-4.76	0.30	4.88	282.41
900.00	1.56	327.15	899.90	6.30	3.42	-6.11	0.18	7.00	299.25
1000.00	1.66	331.56	999.87	9.10	5.84	-7.54	0.16	9.54	307.77
1100.00	1.53	334.05	1099.83	11.87	8.32	-8.81	0.15	12.12	313.34
1200.00	1.57	329.75	1199.79	14.55	10.70	-10.09	0.12	14.71	316.69
1300.00	1.43	332.84	1299.76	17.15	13.00	-11.35	0.17	17.25	318.87
1400.00	1.34	330.60	1399.73	19.55	15.12	-12.49	0.11	19.61	320.44
1500.00	1.31	327.99	1499.70	21.85	17.10	-13.67	0.07	21.89	321.37
1600.00	1.24	328.21	1599.68	24.07	18.99	-14.84	0.07	24.10	321.99
1700.00	1.16	332.02	1699.65	26.15	20.80	-15.89	0.11	26.17	322.63
1800.00	1.25	327.03	1799.63	28.25	22.61	-16.96	0.14	28.26	323.14
1900.00	1.20	324.88	1899.61	30.39	24.39	-18.15	0.07	30.40	323.34
2000.00	1.26	325.73	1999.59	32.53	26.15	-19.37	0.05	32.54	323.47
2100.00	1.27	317.77	2099.56	34.71	27.87	-20.73	0.18	34.73	323.36
2200.00	1.24	322.54	2199.54	36.90	29.55	-22.13	0.11	36.92	323.17
2300.00	1.02	312.59	2299.52	38.85	31.01	-23.45	0.30	38.87	322.91
2400.00	1.22	321.50	2399.50	40.78	32.44	-24.76	0.26	40.81	322.65
2500.00	1.14	326.14	2499.48	42.84	34.11	-25.98	0.12	42.87	322.70
2600.00	1.18	331.44	2599.46	44.86	35.84	-27.03	0.11	44.89	322.98
2700.00	1.34	339.29	2699.43	47.02	37.84	-27.94	0.24	47.03	323.56
2800.00	1.08	328.21	2799.41	49.10	39.74	-28.85	0.35	49.10	324.02
2900.00	0.94	335.16	2899.39	50.64	41.28	-29.69	0.19	50.85	324.28
3000.00	0.91	331.39	2999.38	52.44	42.72	-30.41	0.07	52.44	324.55
3100.00	0.96	350.19	3099.37	53.98	44.24	-30.93	0.31	53.98	325.04
3110.00	1.02	348.79	3109.37	54.14	44.41	-30.97	0.67	54.14	325.11