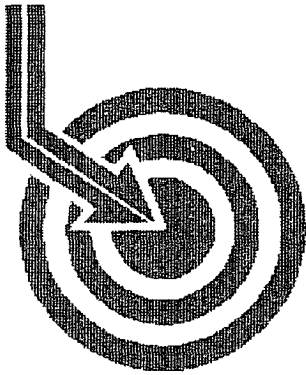




Scientific Drilling

MEWBOURNE OIL

Field: Cemetery Yeso
Site: Eddy County, NM
Well: Long Draw 9H Federal #1
Wellpath: VH - Job #32K0909370
Survey: 09/18/09

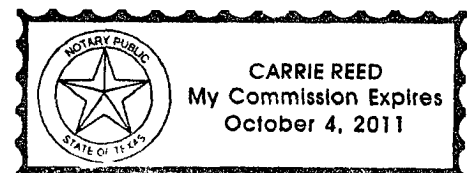
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*R. Wharton*..... Company Representative

Notorized this date 22nd of September, 2009.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MEWBOURNE OIL
Field: Cemetery Yeso
Site: Eddy County, NM
Well: Long Draw 9H Federal #1
Wellpath: VH - Job #32K0909370

Date: 09/22/2009
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,133.03Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Page: 1

Survey: 09/18/09
Company: Scientific Drilling Internatio
Tool: Keeper, Keeper Gyro

Start Date: 09/18/2009
Engineer: Melendez w/Enertech
Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.19	137.69	100.00	0.17	-0.12	0.11	0.19	0.17	137.69
200.00	0.51	153.82	200.00	0.75	-0.64	0.42	0.33	0.77	146.94
300.00	0.53	138.58	299.99	1.62	-1.39	0.92	0.14	1.67	146.46
400.00	0.50	115.04	399.99	2.50	-1.92	1.62	0.21	2.52	139.82
500.00	0.45	115.82	499.99	3.29	-2.28	2.37	0.05	3.29	133.84
600.00	0.44	111.08	599.98	4.02	-2.59	3.08	0.04	4.03	130.00
700.00	0.38	131.21	699.98	4.71	-2.94	3.69	0.16	4.72	128.57
800.00	0.25	113.53	799.98	5.24	-3.25	4.14	0.16	5.26	128.12
900.00	0.26	119.77	899.98	5.67	-3.45	4.54	0.03	5.70	127.24
1000.00	0.28	112.76	999.98	6.12	-3.66	4.96	0.04	6.16	126.39
1100.00	0.40	127.75	1099.98	6.70	-3.96	5.46	0.15	6.75	125.98
1200.00	0.28	141.53	1199.97	7.29	-4.37	5.89	0.14	7.33	126.57
1300.00	0.33	122.08	1299.97	7.81	-4.71	6.29	0.11	7.86	126.87
1400.00	0.35	122.24	1399.97	8.39	-5.03	6.79	0.02	8.45	126.54
1500.00	0.46	130.32	1499.97	9.10	-5.45	7.35	0.12	9.15	126.56
1600.00	0.58	137.14	1599.96	10.00	-6.08	8.00	0.13	10.05	127.24
1700.00	0.59	142.88	1699.96	11.01	-6.86	8.66	0.06	11.05	128.41
1800.00	0.50	148.90	1799.95	11.94	-7.65	9.19	0.11	11.96	129.76
1900.00	0.65	132.98	1899.95	12.93	-8.41	9.83	0.22	12.94	130.53
2000.00	0.62	138.63	1999.94	14.03	-9.20	10.61	0.07	14.04	130.94
2100.00	0.63	140.18	2099.94	15.12	-10.03	11.32	0.02	15.12	131.55
2200.00	0.69	139.61	2199.93	16.26	-10.91	12.06	0.06	16.26	132.14
2300.00	0.57	148.98	2299.92	17.34	-11.80	12.71	0.16	17.34	132.87
2400.00	0.50	137.68	2399.92	18.25	-12.54	13.26	0.13	18.25	133.42
2500.00	0.44	124.87	2499.92	19.06	-13.09	13.86	0.12	19.07	133.35
2600.00	0.52	152.22	2599.91	19.87	-13.71	14.39	0.24	19.87	133.61
2700.00	0.42	146.17	2699.91	20.66	-14.41	14.81	0.11	20.66	134.23
2800.00	0.39	127.94	2799.91	21.35	-14.93	15.28	0.13	21.36	134.33
2900.00	0.19	108.72	2899.91	21.84	-15.19	15.70	0.22	21.85	134.05
3000.00	0.17	73.01	2999.91	22.07	-15.20	16.00	0.11	22.07	133.53
3088.00	0.34	115.85	3087.90	22.38	-15.28	16.36	0.28	22.38	133.03



Scientific
Drilling

Field: Cemetery Yeso
Site: Eddy County, NM
Well: Long Draw 9H Federal #1
Wellpath: VH - Job #32K0909370
Survey: 09/18/09



G/T/M
Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 09/22/2009
Model: igrf200510

West(-)/East(+) [5ft/in]

South(-)/North(+) [5ft/in]

