



30-01541953

Mewbourne Oil Company .

Eddy County, New Mexico

Section 3/10-20S-25E Long Draw 10 DM Fed Com

Long Draw 10 DM Federal Com #1H

Original Hole

Design: Original Hole

Survey Report - Geographic

11 February, 2014





Stryker Directional Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Long Draw 10' DM Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3456 + 20' @ 3476.0usft (Patterson #41)
Site:	Section 3/10-20S-25E Long Draw 10' DM Fed Com	MD Reference:	GL 3456 + 20' @ 3476.0usft (Patterson #41)
Well:	Long Draw 10' DM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Project:	Eddy County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Section 3/10-20S-25E Long Draw 10' DM Fed Com
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Site Position:		Northing:	580,387.42 usft	Latitude:	32° 35' 43.827 N
From:	Map	Easting:	455,539.09 usft	Longitude:	104° 28' 39.716 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.08 °

Well:	Long Draw 10' DM Federal Com #1H
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Well Position	+N/-S	0.0 usft	Northing:	580,387.42 usft	Latitude:	32° 35' 43.827 N
	+E/-W	0.0 usft	Easting:	455,539.09 usft	Longitude:	104° 28' 39.716 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,456.0 usft

Wellbore:	Original Hole
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/5/2014	7.71	60.31	48,475

Design:	Original Hole
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Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	180.81

Survey Program	Date 2/11/2014
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From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	2,088.0	VES Gyro Survey #1 (Original Hole)	GyroFlex	
2,209.0	7,450.0	Survey #2 (Original Hole)	MWD	MWD - Standard

Survey	
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Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	580,387.42	455,539.09	32° 35' 43.827 N	104° 28' 39.716 W
100.0	0.49	87.18	100.0	0.0	0.4	580,387.44	455,539.52	32° 35' 43.827 N	104° 28' 39.711 W
200.0	0.43	85.75	200.0	0.1	1.2	580,387.49	455,540.32	32° 35' 43.827 N	104° 28' 39.701 W
300.0	0.38	84.08	300.0	0.3	1.9	580,387.71	455,540.96	32° 35' 43.830 N	104° 28' 39.694 W
400.0	0.36	82.94	400.0	0.8	2.2	580,388.22	455,541.27	32° 35' 43.835 N	104° 28' 39.690 W
500.0	0.52	81.41	500.0	1.6	2.2	580,388.98	455,541.32	32° 35' 43.842 N	104° 28' 39.690 W
600.0	0.61	80.26	600.0	2.5	2.1	580,389.96	455,541.22	32° 35' 43.852 N	104° 28' 39.691 W
700.0	0.38	85.58	700.0	3.4	2.0	580,390.81	455,541.09	32° 35' 43.860 N	104° 28' 39.693 W
800.0	0.21	83.58	800.0	3.9	1.9	580,391.30	455,540.98	32° 35' 43.865 N	104° 28' 39.694 W
900.0	0.26	84.75	900.0	4.3	1.8	580,391.69	455,540.85	32° 35' 43.869 N	104° 28' 39.695 W



Stryker Directional Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Long Draw 10 DM Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3456 + 20 @ 3476.0usft (Patterson #41)
Site:	Section 3/10-20S-25E Long Draw 10 DM Fed Com	MD Reference:	GL 3456 + 20 @ 3476.0usft (Patterson #41)
Well:	Long Draw 10 DM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,000.0	0.44	341.29	1,000.0	4.9	1.6	580,392.28	455,540.69	32° 35' 43.875 N	104° 28' 39.697 W
1,100.0	0.72	325.39	1,100.0	5.7	1.1	580,393.16	455,540.21	32° 35' 43.884 N	104° 28' 39.703 W
1,200.0	0.77	322.16	1,200.0	6.8	0.3	580,394.20	455,539.44	32° 35' 43.894 N	104° 28' 39.712 W
1,300.0	0.71	339.22	1,300.0	7.9	-0.3	580,395.31	455,538.80	32° 35' 43.905 N	104° 28' 39.719 W
1,400.0	0.89	320.28	1,399.9	9.1	-1.0	580,396.49	455,538.09	32° 35' 43.917 N	104° 28' 39.728 W
1,500.0	0.58	314.54	1,499.9	10.0	-1.9	580,397.44	455,537.23	32° 35' 43.926 N	104° 28' 39.738 W
1,600.0	0.45	342.67	1,599.9	10.8	-2.3	580,398.17	455,536.75	32° 35' 43.933 N	104° 28' 39.743 W
1,700.0	0.31	349.03	1,699.9	11.4	-2.5	580,398.81	455,536.59	32° 35' 43.940 N	104° 28' 39.745 W
1,800.0	0.61	332.32	1,799.9	12.1	-2.8	580,399.55	455,536.29	32° 35' 43.947 N	104° 28' 39.749 W
1,900.0	0.25	6.95	1,899.9	12.8	-3.0	580,400.24	455,536.07	32° 35' 43.954 N	104° 28' 39.751 W
2,000.0	0.19	8.69	1,999.9	13.2	-3.0	580,400.62	455,536.12	32° 35' 43.957 N	104° 28' 39.751 W
2,088.0	0.42	13.77	2,087.9	13.7	-2.9	580,401.08	455,536.22	32° 35' 43.962 N	104° 28' 39.750 W
208870 MD VES Gyro Survey									
2,209.0	0.40	149.90	2,208.9	13.7	-2.6	580,401.14	455,536.53	32° 35' 43.963 N	104° 28' 39.746 W
2,241.0	3.40	182.50	2,240.9	12.7	-2.5	580,400.10	455,536.55	32° 35' 43.952 N	104° 28' 39.746 W
2,272.0	8.60	185.20	2,271.7	9.5	-2.8	580,396.87	455,536.30	32° 35' 43.920 N	104° 28' 39.749 W
2,303.0	14.30	186.10	2,302.1	3.3	-3.4	580,390.75	455,535.68	32° 35' 43.860 N	104° 28' 39.756 W
2,335.0	18.60	186.20	2,332.8	-5.7	-4.4	580,381.74	455,534.71	32° 35' 43.771 N	104° 28' 39.767 W
2,366.0	22.00	184.50	2,361.8	-16.4	-5.4	580,371.03	455,533.72	32° 35' 43.665 N	104° 28' 39.778 W
2,398.0	24.70	183.20	2,391.2	-29.0	-6.2	580,358.38	455,532.88	32° 35' 43.539 N	104° 28' 39.788 W
2,430.0	26.60	181.80	2,420.1	-42.9	-6.8	580,344.54	455,532.28	32° 35' 43.402 N	104° 28' 39.795 W
2,461.0	28.40	181.70	2,447.6	-57.2	-7.3	580,330.24	455,531.84	32° 35' 43.261 N	104° 28' 39.800 W
2,493.0	31.00	181.50	2,475.4	-73.0	-7.7	580,314.39	455,531.40	32° 35' 43.104 N	104° 28' 39.805 W
2,525.0	33.50	181.00	2,502.4	-90.1	-8.1	580,297.32	455,531.03	32° 35' 42.935 N	104° 28' 39.809 W
2,556.0	36.10	179.90	2,527.9	-107.8	-8.2	580,279.63	455,530.90	32° 35' 42.760 N	104° 28' 39.810 W
2,588.0	38.80	178.70	2,553.3	-127.2	-8.0	580,260.18	455,531.14	32° 35' 42.568 N	104° 28' 39.807 W
2,620.0	41.20	178.90	2,577.8	-147.8	-7.5	580,239.61	455,531.57	32° 35' 42.364 N	104° 28' 39.801 W
2,651.0	43.90	179.60	2,600.6	-168.8	-7.3	580,218.65	455,531.84	32° 35' 42.157 N	104° 28' 39.798 W
2,683.0	46.30	179.90	2,623.2	-191.4	-7.2	580,195.99	455,531.94	32° 35' 41.932 N	104° 28' 39.796 W
2,714.0	48.40	180.10	2,644.2	-214.2	-7.2	580,173.19	455,531.94	32° 35' 41.707 N	104° 28' 39.796 W
2,746.0	51.40	180.10	2,664.8	-238.7	-7.2	580,148.71	455,531.89	32° 35' 41.465 N	104° 28' 39.796 W
2,777.0	54.90	180.60	2,683.4	-263.5	-7.3	580,123.91	455,531.74	32° 35' 41.219 N	104° 28' 39.798 W
2,809.0	58.00	181.00	2,701.1	-290.2	-7.7	580,097.25	455,531.37	32° 35' 40.955 N	104° 28' 39.801 W
2,841.0	60.60	182.40	2,717.4	-317.7	-8.5	580,069.75	455,530.55	32° 35' 40.683 N	104° 28' 39.811 W
2,872.0	63.60	182.50	2,731.9	-345.0	-9.7	580,042.38	455,529.37	32° 35' 40.412 N	104° 28' 39.824 W
2,904.0	66.10	182.40	2,745.5	-374.0	-11.0	580,013.44	455,528.14	32° 35' 40.126 N	104° 28' 39.838 W
2,936.0	69.00	181.80	2,757.7	-403.5	-12.0	579,983.89	455,527.05	32° 35' 39.833 N	104° 28' 39.850 W
2,967.0	72.70	181.30	2,767.9	-432.8	-12.8	579,954.62	455,526.26	32° 35' 39.544 N	104° 28' 39.859 W
3,000.0	77.30	181.70	2,776.5	-464.7	-13.7	579,922.77	455,525.43	32° 35' 39.229 N	104° 28' 39.868 W
3,016.7	80.20	181.70	2,779.7	-481.0	-14.1	579,906.43	455,524.94	32° 35' 39.067 N	104° 28' 39.874 W
LP Long Draw 10 DM Fed Com #1H									
3,031.0	82.70	181.70	2,781.8	-495.2	-14.6	579,892.26	455,524.52	32° 35' 38.927 N	104° 28' 39.878 W
3,044.0	84.40	181.80	2,783.3	-508.1	-15.0	579,879.35	455,524.13	32° 35' 38.799 N	104° 28' 39.883 W
3,103.0	89.60	182.00	2,786.4	-566.9	-16.9	579,820.48	455,522.18	32° 35' 38.216 N	104° 28' 39.905 W
3,134.0	89.30	182.00	2,786.7	-597.9	-18.0	579,789.51	455,521.09	32° 35' 37.910 N	104° 28' 39.917 W
3,198.0	90.40	181.70	2,786.8	-661.9	-20.1	579,725.54	455,519.03	32° 35' 37.277 N	104° 28' 39.940 W
3,261.0	89.90	182.00	2,786.7	-724.8	-22.1	579,662.57	455,516.99	32° 35' 36.654 N	104° 28' 39.963 W
3,324.0	90.70	181.00	2,786.4	-787.8	-23.7	579,599.60	455,515.35	32° 35' 36.030 N	104° 28' 39.981 W
3,419.0	90.30	180.40	2,785.5	-882.8	-24.9	579,504.61	455,514.18	32° 35' 35.090 N	104° 28' 39.993 W
3,514.0	89.30	180.60	2,785.9	-977.8	-25.7	579,409.61	455,513.36	32° 35' 34.150 N	104° 28' 40.001 W
3,609.0	89.10	180.30	2,787.2	-1,072.8	-26.5	579,314.63	455,512.61	32° 35' 33.210 N	104° 28' 40.008 W
3,703.0	89.60	179.60	2,788.2	-1,166.8	-26.4	579,220.63	455,512.69	32° 35' 32.280 N	104° 28' 40.006 W
3,798.0	90.50	179.70	2,788.2	-1,261.8	-25.8	579,125.64	455,513.27	32° 35' 31.340 N	104° 28' 39.998 W
3,893.0	90.30	179.60	2,787.5	-1,356.8	-25.2	579,030.64	455,513.85	32° 35' 30.400 N	104° 28' 39.989 W



Stryker Directional Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Long Draw 10.DM.Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3456 + 20 @ 3476.0usft (Patterson #41)
Site:	Section 3/10-20S-25E Long Draw 10.DM.Fed Com	MD Reference:	GL 3456 + 20 @ 3476.0usft (Patterson #41)
Well:	Long Draw 10.DM.Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM-5000.1.Single User.Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
3,988.0	90.20	179.40	2,787.1	-1,451.8	-24.4	578,935.64	455,514.68	32° 35' 29.460 N	104° 28' 39.978 W
4,082.0	89.50	180.10	2,787.3	-1,545.8	-24.0	578,841.65	455,515.09	32° 35' 28.530 N	104° 28' 39.972 W
4,177.0	89.20	180.10	2,788.4	-1,640.8	-24.2	578,746.65	455,514.93	32° 35' 27.590 N	104° 28' 39.972 W
4,272.0	89.30	180.80	2,789.7	-1,735.8	-24.9	578,651.67	455,514.18	32° 35' 26.650 N	104° 28' 39.979 W
4,367.0	89.40	181.00	2,790.7	-1,830.7	-26.4	578,556.68	455,512.69	32° 35' 25.710 N	104° 28' 39.995 W
4,462.0	88.50	180.30	2,792.5	-1,925.7	-27.5	578,461.71	455,511.61	32° 35' 24.770 N	104° 28' 40.006 W
4,557.0	88.70	181.00	2,794.8	-2,020.7	-28.6	578,366.74	455,510.53	32° 35' 23.830 N	104° 28' 40.018 W
4,652.0	89.20	180.80	2,796.5	-2,115.6	-30.1	578,271.77	455,509.04	32° 35' 22.890 N	104° 28' 40.033 W
4,746.0	89.20	181.00	2,797.8	-2,209.6	-31.5	578,177.79	455,507.56	32° 35' 21.960 N	104° 28' 40.049 W
4,842.0	89.30	181.80	2,799.1	-2,305.6	-33.9	578,081.83	455,505.22	32° 35' 21.011 N	104° 28' 40.075 W
4,937.0	89.90	181.10	2,799.8	-2,400.6	-36.3	577,986.86	455,502.81	32° 35' 20.071 N	104° 28' 40.102 W
5,031.0	89.80	181.00	2,800.0	-2,494.5	-38.0	577,892.88	455,501.09	32° 35' 19.141 N	104° 28' 40.120 W
5,126.0	89.80	181.00	2,800.3	-2,589.5	-39.7	577,797.89	455,499.43	32° 35' 18.201 N	104° 28' 40.138 W
5,221.0	89.50	181.10	2,800.9	-2,684.5	-41.4	577,702.91	455,497.69	32° 35' 17.261 N	104° 28' 40.157 W
5,316.0	90.20	180.60	2,801.2	-2,779.5	-42.8	577,607.92	455,496.28	32° 35' 16.321 N	104° 28' 40.172 W
5,411.0	90.00	181.00	2,801.0	-2,874.5	-44.1	577,512.93	455,494.96	32° 35' 15.381 N	104° 28' 40.186 W
5,506.0	90.40	180.40	2,800.7	-2,969.5	-45.3	577,417.94	455,493.80	32° 35' 14.441 N	104° 28' 40.198 W
5,601.0	89.00	181.00	2,801.2	-3,064.5	-46.5	577,322.95	455,492.64	32° 35' 13.501 N	104° 28' 40.210 W
5,696.0	89.20	180.60	2,802.7	-3,159.4	-47.8	577,227.97	455,491.31	32° 35' 12.561 N	104° 28' 40.224 W
5,789.0	89.20	180.80	2,804.0	-3,252.4	-48.9	577,134.99	455,490.17	32° 35' 11.641 N	104° 28' 40.236 W
5,883.0	89.80	180.40	2,804.8	-3,346.4	-49.9	577,041.00	455,489.19	32° 35' 10.711 N	104° 28' 40.246 W
5,976.0	89.30	181.00	2,805.5	-3,439.4	-51.0	576,948.01	455,488.05	32° 35' 9.791 N	104° 28' 40.258 W
6,069.0	89.60	180.80	2,806.4	-3,532.4	-52.5	576,855.02	455,486.59	32° 35' 8.870 N	104° 28' 40.273 W
6,161.0	89.60	181.30	2,807.0	-3,624.4	-54.2	576,763.04	455,484.91	32° 35' 7.960 N	104° 28' 40.292 W
6,255.0	89.70	181.30	2,807.6	-3,718.3	-56.3	576,669.07	455,482.77	32° 35' 7.030 N	104° 28' 40.315 W
6,347.0	89.80	181.10	2,808.0	-3,810.3	-58.2	576,577.09	455,480.85	32° 35' 6.120 N	104° 28' 40.336 W
6,439.0	89.80	181.80	2,808.3	-3,902.3	-60.6	576,485.12	455,478.52	32° 35' 5.210 N	104° 28' 40.362 W
6,532.0	90.10	181.50	2,808.4	-3,995.3	-63.2	576,392.16	455,475.84	32° 35' 4.290 N	104° 28' 40.392 W
6,625.0	90.20	182.40	2,808.2	-4,088.2	-66.4	576,299.21	455,472.68	32° 35' 3.370 N	104° 28' 40.427 W
6,718.0	89.90	180.80	2,808.1	-4,181.2	-69.0	576,206.25	455,470.08	32° 35' 2.450 N	104° 28' 40.456 W
6,811.0	89.40	181.00	2,808.7	-4,274.1	-70.5	576,113.27	455,468.62	32° 35' 1.530 N	104° 28' 40.472 W
6,904.0	89.10	181.00	2,809.9	-4,367.1	-72.1	576,020.29	455,467.00	32° 35' 0.610 N	104° 28' 40.489 W
6,997.0	89.40	180.30	2,811.1	-4,460.1	-73.1	575,927.30	455,465.94	32° 34' 59.690 N	104° 28' 40.500 W
7,092.0	89.30	179.70	2,812.2	-4,555.1	-73.1	575,832.31	455,465.94	32° 34' 58.750 N	104° 28' 40.498 W
7,187.0	89.60	179.70	2,813.1	-4,650.1	-72.7	575,737.32	455,466.44	32° 34' 57.809 N	104° 28' 40.491 W
7,280.0	88.90	179.70	2,814.3	-4,743.1	-72.2	575,644.33	455,466.93	32° 34' 56.889 N	104° 28' 40.484 W
7,406.0	89.60	179.40	2,816.0	-4,869.1	-71.2	575,518.34	455,467.92	32° 34' 55.643 N	104° 28' 40.470 W
7,450.0	89.60	179.40	2,816.3	-4,913.1	-70.7	575,474.35	455,468.38	32° 34' 55.207 N	104° 28' 40.464 W

7450' MD projected to Bit - PBHL Long Draw 10.DM.Fed Com #1H

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,088.0	2,087.9	13.7	-2.9	2088.0' MD VES Gyro Survey
7,450.0	2,816.3	-4,913.1	-70.7	7450' MD projected to Bit



March 25, 2014

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Jackie Lathan

Re: Mewbourne Oil Company
Long Draw 10 DM Federal Com #001H
N. Seven Rivers; Glorieta-Yeso
Eddy County, New Mexico
API# 30-015-41953

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Noah Townsend	Original Hole	2,209 ft. to 7,406 ft.	02-05-14 to 02-11-14	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Todd Estes

Enclosures

CC: Mewbourne Oil Company
Attn: Frosty Lathan
P.O. Box 5720
Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Long Draw 10 DM Federal Com #1H\M141030

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



March 25, 2014

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Todd Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of February 05, 2014 thru February 11, 2014, conduct or supervise the taking of a SEDS MWD Survey from a depth of 2,209 feet to 7,406 feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Long Draw 10 DM Federal Com #001H well, API # 30-015-41953 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.


Todd Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

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P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



OCD Permitting

30-015-41953 LONG DRAW 10 DM FED COM #001H [40325]

General Well Information

Status: New (Not Drilled or Completed) Direction:
 Well Type: Oil Lease Type: Federal
 Work Type: New
 Surface Location: M-03-20S-25E 150 FSL 940 FWL
 Lat/Long: 0 0
 GL Elevation: 3456 Sing/Mult Compl: Single
 Potash Waiver:

Proposed Formation and/or Notes

GLOR

Depths

Proposed: 7703 Measured: 0
 Plugback Measured:

Formation Tops

Formation	Top	Method Obtained	Producing
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Event Dates

Initial APD Approval: 1/7/2014
 Most Recent APD Approval: 1/7/2014 Current APD Expiration: 1/7/2016
 APD Cancellation:
 APD Extension Approval:
 Spud: 12/31/9999
 Approved Temporary Abandonment: TA Expiration:
 Shut In Waiting For Pipeline:
 Plug and Abandoned Intent Received:
 Well Plugged: Plugged, Not Released Expiration:
 Site Release: Intention To Plug:
 Last Inspection: Last MIT:

History

Effective Date	Property	Operator	C-101 Work Type	Well Type	Apd Cancelled	Plug Date
1/7/2014	[40325] LONG DRAW 10 DM FED COM	[14744] MEWBOURNE OIL CO	N	Oil		

Comments

Quick Links

- [General Well Information](#)
- [History](#)
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- [Complaints, Incidents and Spills](#)
- [Orders](#)
- [Production](#)
- [Transporters](#)

Associated Images

- [Well Files](#)
- [Well Logs](#)
- [Administrative Orders](#)

New Searches

- [New Well Search](#)

Operator

Company: [14744] MEWBOURNE OIL CO
Address:

Country: U.S.A
Main Phone: 575-393-5905

Central Contact Person

Name: Mickey Young Title: Hobbs Distric Manager
Phone: 575-393-5905 Fax: 575-397-6252
Cell: 575-390-0999
E-Mail Address: myoung@mewbourne.com

Hobbs Contacts

Name: Mickey Young Title:
Phone: 575-393-5905 Fax: 575-397-6252
Cell: 575-390-0999
E-Mail Address: myoung@mewbourne.com

Artesia Contacts

Name: Mickey Young Title:
Phone: 575-393-5905 Fax: 575-397-6252
Cell: 575-390-0999
E-Mail Address: myoung@mewbourne.com

Pits

No Pits Found

Casing

No Casing Found

Well Completions**[97565] N. SEVEN RIVERS; GLORIETA-YESO**

Status: New, Not Drilled Last Produced:
Bottomhole Location: M-10-20S-25E 330 FSL 890 FWL
Lat/Long: 0 0
Acreage: 160 10-20S-25E Units: D E L M
DHC: No Consolidation Code:
Production Method:

Test

Hours: 10:10 Oil Volume: 0.0 bbls
Gas Volume: 0.0 mcf
Water Volume: 0.0 bbls

Depths

Measured Depth: Plugback Md:

Perforations



Job Number: M141030

Company: Mewbourne Oil Company

Lease/Well: Long Draw 10 DM Fed Com # 1 H

Location: Eddy County

Rig Name: Patterson # 41

RKB: N/A

G.L. or M.S.L.: N/A

State/Country: New Mexico / USA

Declination: 7.82° Corrected To Grid

Grid: 7.82°

File name: C:\WINSERVE\DOCS\M141030.SVY

Date/Time: 24-Mar-14 / 09:39

Curve Name: SES MWD SURVEY RAN ON 2-05-14

Stryker Energy Directional Services, LLC.

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 180.81

Vertical Section Referenced to Wellhead

Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>CLOSURE Distance FT</i>	<i>Direction Deg</i>	<i>Dogleg Severity Deg/100</i>
Tie-In Data Provided by VES Gyro Survey									
2088.00	.42	13.77	2087.92	13.66	-2.88	-13.62	13.96	348.09	.00
2209.00	.40	149.90	2208.92	13.73	-2.56	-13.69	13.96	349.42	.63
2241.00	3.40	182.50	2240.90	12.68	-2.55	-12.64	12.93	348.64	9.60
2272.00	8.60	185.20	2271.72	9.45	-2.80	-9.41	9.86	343.51	16.79
2303.00	14.30	186.10	2302.09	3.33	-3.42	-3.28	4.77	314.28	18.40
2335.00	18.60	186.20	2332.77	-5.68	-4.39	5.74	7.17	217.70	13.44
2366.00	22.00	184.50	2361.84	-16.38	-5.38	16.46	17.24	198.17	11.13
2398.00	24.70	183.20	2391.22	-29.04	-6.22	29.12	29.69	192.09	8.59
2430.00	26.60	181.80	2420.06	-42.87	-6.82	42.97	43.41	189.04	6.23
2461.00	28.40	181.70	2447.56	-57.18	-7.26	57.28	57.64	187.23	5.81
2493.00	31.00	181.50	2475.35	-73.03	-7.70	73.13	73.43	186.02	8.13
2525.00	33.50	181.00	2502.41	-90.10	-8.07	90.20	90.46	185.12	7.86
2556.00	36.10	179.90	2527.87	-107.79	-8.20	107.89	108.10	184.35	8.63
2588.00	38.80	178.70	2553.27	-127.24	-7.96	127.34	127.49	183.58	8.74
2620.00	41.20	178.90	2577.78	-147.80	-7.53	147.90	148.00	182.92	7.51
2651.00	43.90	179.60	2600.62	-168.76	-7.26	168.85	168.92	182.46	8.84
2683.00	46.30	179.90	2623.20	-191.43	-7.16	191.51	191.56	182.14	7.53
2714.00	48.40	180.10	2644.21	-214.23	-7.16	214.31	214.35	181.91	6.79
2746.00	51.40	180.10	2664.82	-238.70	-7.20	238.78	238.81	181.73	9.37
2777.00	54.90	180.60	2683.40	-263.50	-7.36	263.58	263.61	181.60	11.36
2809.00	58.00	181.00	2701.09	-290.17	-7.73	290.25	290.27	181.53	9.74
2841.00	60.60	182.40	2717.42	-317.67	-8.55	317.76	317.78	181.54	8.95
2872.00	63.60	182.50	2731.93	-345.04	-9.72	345.14	345.17	181.61	9.68
2904.00	66.10	182.40	2745.53	-373.97	-10.96	374.09	374.13	181.68	7.82

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2936.00	69.00	181.80	2757.75	-403.52	-12.04	403.65	403.70	181.71	9.23
2967.00	72.70	181.30	2767.91	-432.79	-12.83	432.93	432.98	181.70	12.03
3000.00	77.30	181.70	2776.45	-464.65	-13.67	464.80	464.85	181.68	13.99
3031.00	82.70	181.70	2781.83	-495.15	-14.57	495.31	495.37	181.69	17.42
3044.00	84.40	181.80	2783.29	-508.06	-14.97	508.23	508.29	181.69	13.10
3103.00	89.60	182.00	2786.38	-566.93	-16.92	567.11	567.18	181.71	8.82
3134.00	89.30	182.00	2786.68	-597.91	-18.00	598.11	598.18	181.72	.97
3198.00	90.40	181.70	2786.85	-661.88	-20.07	662.09	662.18	181.74	1.78
3261.00	89.90	182.00	2786.68	-724.84	-22.10	725.08	725.18	181.75	.93
3324.00	90.70	181.00	2786.35	-787.82	-23.75	788.08	788.18	181.73	2.03
3419.00	90.30	180.40	2785.52	-882.81	-24.91	883.07	883.16	181.62	.76
3514.00	89.30	180.60	2785.85	-977.80	-25.74	978.07	978.14	181.51	1.07
3609.00	89.10	180.30	2787.18	-1072.79	-26.49	1073.06	1073.12	181.41	.38
3703.00	89.60	179.60	2788.25	-1166.78	-26.40	1167.04	1167.08	181.30	.92
3798.00	90.50	179.70	2788.16	-1261.78	-25.82	1262.02	1262.04	181.17	.95
3893.00	90.30	179.60	2787.50	-1356.78	-25.24	1357.00	1357.01	181.07	.24
3988.00	90.20	179.40	2787.09	-1451.77	-24.41	1451.97	1451.98	180.96	.24
4082.00	89.50	180.10	2787.33	-1545.77	-24.00	1545.95	1545.96	180.89	1.05
4177.00	89.20	180.10	2788.41	-1640.76	-24.17	1640.94	1640.94	180.84	.32
4272.00	89.30	180.80	2789.65	-1735.75	-24.92	1735.93	1735.93	180.82	.74
4367.00	89.40	181.00	2790.73	-1830.73	-26.41	1830.92	1830.92	180.83	.24
4462.00	88.50	180.30	2792.47	-1925.71	-27.49	1925.91	1925.91	180.82	1.20
4557.00	88.70	181.00	2794.79	-2020.67	-28.56	2020.88	2020.88	180.81	.77
4652.00	89.20	180.80	2796.53	-2115.65	-30.06	2115.86	2115.86	180.81	.57
4746.00	89.20	181.00	2797.85	-2209.63	-31.53	2209.85	2209.85	180.82	.21
4842.00	89.30	181.80	2799.10	-2305.59	-33.88	2305.84	2305.84	180.84	.84
4937.00	89.90	181.10	2799.77	-2400.55	-36.28	2400.83	2400.83	180.87	.97
5031.00	89.80	181.00	2800.01	-2494.54	-38.00	2494.83	2494.83	180.87	.15
5126.00	89.80	181.00	2800.34	-2589.52	-39.66	2589.83	2589.83	180.88	.00
5221.00	89.50	181.10	2800.92	-2684.51	-41.40	2684.82	2684.82	180.88	.33
5316.00	90.20	180.60	2801.17	-2779.49	-42.81	2779.82	2779.82	180.88	.91
5411.00	90.00	181.00	2801.01	-2874.48	-44.14	2874.82	2874.82	180.88	.47
5506.00	90.40	180.40	2800.67	-2969.48	-45.30	2969.82	2969.82	180.87	.76
5601.00	89.00	181.00	2801.17	-3064.46	-46.46	3064.82	3064.82	180.87	1.60
5696.00	89.20	180.60	2802.66	-3159.44	-47.79	3159.80	3159.80	180.87	.47
5789.00	89.20	180.80	2803.96	-3252.43	-48.92	3252.79	3252.80	180.86	.22
5883.00	89.80	180.40	2804.78	-3346.42	-49.91	3346.79	3346.79	180.85	.77
5976.00	89.30	181.00	2805.51	-3439.41	-51.04	3439.79	3439.79	180.85	.84
6069.00	89.60	180.80	2806.41	-3532.39	-52.50	3532.78	3532.78	180.85	.39
6161.00	89.60	181.30	2807.05	-3624.37	-54.19	3624.78	3624.78	180.86	.54
6255.00	89.70	181.30	2807.62	-3718.35	-56.32	3718.77	3718.77	180.87	.11
6347.00	89.80	181.10	2808.02	-3810.33	-58.25	3810.77	3810.77	180.88	.24
6439.00	89.80	181.80	2808.35	-3902.30	-60.58	3902.76	3902.77	180.89	.76
6532.00	90.10	181.50	2808.43	-3995.26	-63.25	3995.75	3995.76	180.91	.46
6625.00	90.20	182.40	2808.18	-4088.20	-66.42	4088.73	4088.74	180.93	.97

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
6718.00	89.90	180.80	2808.10	-4181.16	-69.01	4181.72	4181.73	180.95	1.75
6811.00	89.40	181.00	2808.67	-4274.15	-70.48	4274.72	4274.73	180.94	.58
6904.00	89.10	181.00	2809.89	-4367.13	-72.10	4367.71	4367.72	180.95	.32
6997.00	89.40	180.30	2811.10	-4460.11	-73.15	4460.70	4460.71	180.94	.82
7092.00	89.30	179.70	2812.18	-4555.11	-73.15	4555.68	4555.69	180.92	.64
7187.00	89.60	179.70	2813.09	-4650.10	-72.66	4650.66	4650.67	180.90	.32
7280.00	88.90	179.70	2814.31	-4743.09	-72.17	4743.64	4743.64	180.87	.75
7406.00	89.60	179.40	2815.96	-4869.07	-71.18	4869.59	4869.59	180.84	.60
Projection to Bit									
7450.00	89.60	179.40	2816.27	-4913.07	-70.72	4913.58	4913.58	180.82	.00



COMPANY: Mewbourne Oil Company
 WELL: Long Draw 10 DM Federal Com #1H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)



RIG: Patterson #41
 GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.78°

OFFICE: 936.582.7296

GEODEIC ZONE: New Mexico East 3001						
GL 3456 + 20 @ 3476.0usft (Patterson #41)						
GROUND ELEVATION: 3458.0						
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	580387.41	455539.00	32° 35' 43.827 N	104° 28' 39.716 W	

PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSect	Target
1	2088.0	0.42	13.77	2087.9	13.7	-2.9	0.00	0.00	-13.6	
2	2284.3	0.42	13.77	2284.2	15.1	-2.5	0.00	0.00	-15.0	
3	3067.5	89.65	180.78	2786.0	-480.1	-8.5	11.50	167.01	480.2	
4	7705.7	89.65	180.78	2814.0	-5117.8	-72.0	0.00	0.00	5118.3	PBHL Long Draw 10 DM Fed Com #1H

