



15-41896

Mewbourne Oil Company .

Eddy County, New Mexico

Dorado 34 EH Fed Com #1H

Dorado 34 EH Fed Com #1H. Section 34

OH

Design: OH

Standard Survey Report

23 January, 2014





Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Dorado 34 EH Fed Com #1H Section 34
Project:	Eddy County, New Mexico	TVD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Site:	Dorado 34 EH Fed Com #1H	MD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Well:	Dorado 34 EH Fed Com #1H Section 34	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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:	Dorado 34 EH Fed Com #1H		
Site Position:		Northing:	620,385.38 usft
From:	Map	Easting:	612,367.27 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 42' 18.018 N
		Longitude:	103° 58' 4.910 W
		Grid Convergence:	0.20 °

Well:	Dorado 34 EH Fed Com #1H Section 34		
Well Position	+N/-S	0.0 usft	Northing: 620,385.38 usft
	+E/-W	0.0 usft	Easting: 612,367.27 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 42' 18.018 N
		Longitude:	103° 58' 4.910 W
		Ground Level:	3,434.0 usft

Wellbore:	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	7/25/2013	(°) 7.55
			Dip Angle (°) 60.51
			Field Strength (nT) 48,651

Design:	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction (°) 89.28

Survey Program	Date 1/23/2014		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
100.0	7,727.0	VES Gyro Survey #1 (OH)	GyroFlex
7,814.0	12,970.0	MWD Survey #2 (OH)	MWD
			MWD - Standard

Survey	2014-01-23 08:19:20 AM								
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.83	202.69	100.0	-0.7	-0.3	-0.3	0.83	0.83	0.00
200.0	1.29	177.94	200.0	-2.5	-0.5	-0.5	0.64	0.46	-24.75
300.0	1.67	176.83	299.9	-5.0	-0.4	-0.5	0.38	0.38	-1.11
400.0	2.02	182.95	399.9	-8.3	-0.4	-0.5	0.40	0.35	6.12
500.0	2.01	176.61	499.8	-11.8	-0.4	-0.5	0.22	-0.01	-6.34
600.0	1.81	180.57	599.8	-15.1	-0.3	-0.5	0.24	-0.20	3.96
700.0	1.69	192.03	699.7	-18.1	-0.6	-0.9	0.37	-0.12	11.46
800.0	1.45	183.93	799.7	-20.8	-1.0	-1.3	0.33	-0.24	-8.10
900.0	1.27	174.48	899.7	-23.2	-1.0	-1.3	0.29	-0.18	-9.45



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Site:	Dorado 34 EH Fed Com #1H	MD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Well:	Dorado 34 EH Fed Com #1H Section 34	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,000.0	1.14	195.19	999.6	-25.3	-1.2	-1.5	0.45	-0.13	20.71
1,100.0	0.96	195.96	1,099.6	-27.0	-1.6	-2.0	0.18	-0.18	0.77
1,200.0	1.11	192.93	1,199.6	-28.8	-2.1	-2.5	0.16	0.15	-3.03
1,300.0	0.79	171.40	1,299.6	-30.4	-2.2	-2.6	0.47	-0.32	-21.53
1,400.0	0.73	137.90	1,399.6	-31.5	-1.7	-2.1	0.44	-0.06	-33.50
1,500.0	1.10	117.81	1,499.6	-32.5	-0.4	-0.8	0.48	0.37	-20.09
1,600.0	1.03	108.56	1,599.6	-33.2	1.3	0.9	0.19	-0.07	-9.25
1,700.0	1.01	106.55	1,699.5	-33.7	3.0	2.6	0.04	-0.02	-2.01
1,800.0	0.99	102.73	1,799.5	-34.2	4.7	4.3	0.07	-0.02	-3.82
1,900.0	0.93	91.31	1,899.5	-34.4	6.3	5.9	0.20	-0.06	-11.42
2,000.0	0.76	67.73	1,999.5	-34.2	7.8	7.3	0.38	-0.17	-23.58
2,100.0	0.87	62.35	2,099.5	-33.6	9.0	8.6	0.13	0.11	-5.38
2,200.0	0.75	42.24	2,199.5	-32.7	10.2	9.7	0.31	-0.12	-20.11
2,300.0	0.99	46.55	2,299.5	-31.6	11.2	10.8	0.25	0.24	4.31
2,400.0	0.75	39.78	2,399.5	-30.5	12.3	11.9	0.26	-0.24	-6.77
2,500.0	0.79	33.32	2,499.5	-29.5	13.1	12.7	0.10	0.04	-6.46
2,600.0	0.92	39.27	2,599.4	-28.3	14.0	13.6	0.16	0.13	5.95
2,700.0	0.83	48.94	2,699.4	-27.2	15.0	14.7	0.17	-0.09	9.67
2,800.0	1.20	27.70	2,799.4	-25.8	16.0	15.7	0.52	0.37	-21.24
2,900.0	0.98	23.25	2,899.4	-24.0	16.9	16.6	0.24	-0.22	-4.45
3,000.0	1.20	20.93	2,999.4	-22.3	17.6	17.3	0.22	0.22	-2.32
3,100.0	1.35	24.55	3,099.4	-20.2	18.4	18.2	0.17	0.15	3.62
3,200.0	1.39	26.17	3,199.3	-18.1	19.5	19.2	0.06	0.04	1.62
3,300.0	1.16	29.17	3,299.3	-16.1	20.5	20.3	0.24	-0.23	3.00
3,400.0	1.44	23.65	3,399.3	-14.1	21.5	21.3	0.31	0.28	-5.52
3,500.0	1.32	33.75	3,499.2	-12.0	22.6	22.5	0.27	-0.12	10.10
3,600.0	1.27	26.85	3,599.2	-10.0	23.8	23.7	0.16	-0.05	-6.90
3,700.0	1.40	20.33	3,699.2	-7.9	24.7	24.6	0.20	0.13	-6.52
3,800.0	1.28	19.04	3,799.2	-5.7	25.5	25.4	0.12	-0.12	-1.29
3,900.0	1.26	25.55	3,899.1	-3.6	26.3	26.3	0.15	-0.02	6.51
4,000.0	1.54	21.11	3,999.1	-1.4	27.3	27.3	0.30	0.28	-4.44
4,100.0	1.59	19.95	4,099.1	1.2	28.2	28.3	0.06	0.05	-1.16
4,200.0	1.74	2.87	4,199.0	4.0	28.8	28.8	0.52	0.15	-17.08
4,300.0	1.83	354.48	4,299.0	7.1	28.7	28.8	0.28	0.09	-8.39
4,400.0	1.97	355.30	4,398.9	10.4	28.4	28.6	0.14	0.14	0.82
4,500.0	2.21	350.01	4,498.9	14.0	27.9	28.1	0.31	0.24	-5.29
4,600.0	1.99	347.91	4,598.8	17.6	27.3	27.5	0.23	-0.22	-2.10
4,700.0	2.67	339.21	4,698.7	21.5	26.1	26.3	0.76	0.68	-8.70
4,800.0	2.82	329.75	4,798.6	25.8	24.0	24.3	0.48	0.15	-9.46
4,900.0	2.66	333.65	4,898.5	30.0	21.7	22.1	0.25	-0.16	3.90
5,000.0	2.74	335.55	4,998.4	34.2	19.7	20.1	0.12	0.08	1.90
5,100.0	2.83	348.90	5,098.3	38.8	18.2	18.7	0.65	0.09	13.35
5,200.0	2.71	356.01	5,198.1	43.6	17.6	18.1	0.36	-0.12	7.11



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Well:	Dorado 34 EH Fed Com #1H Section 34	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.0	2.83	354.39	5,298.0	48.4	17.2	17.8	0.14	0.12	-1.62
5,400.0	2.86	348.02	5,397.9	53.3	16.4	17.1	0.32	0.03	-6.37
5,500.0	2.79	354.79	5,497.8	58.2	15.7	16.4	0.34	-0.07	6.77
5,600.0	2.75	354.98	5,597.7	63.0	15.3	16.1	0.04	-0.04	0.19
5,700.0	2.60	353.67	5,697.5	67.7	14.8	15.7	0.16	-0.15	-1.31
5,800.0	2.36	356.28	5,797.5	72.0	14.4	15.3	0.27	-0.24	2.61
5,900.0	2.55	357.94	5,897.4	76.2	14.2	15.2	0.20	0.19	1.66
6,000.0	2.34	4.28	5,997.3	80.5	14.3	15.3	0.34	-0.21	6.34
6,100.0	2.28	5.90	6,097.2	84.5	14.6	15.7	0.09	-0.06	1.62
6,200.0	2.38	6.02	6,197.1	88.6	15.1	16.2	0.10	0.10	0.12
6,300.0	3.22	15.12	6,297.0	93.3	16.0	17.2	0.95	0.84	9.10
6,400.0	3.49	11.42	6,396.8	99.0	17.3	18.6	0.35	0.27	-3.70
6,500.0	3.04	9.15	6,496.7	104.6	18.4	19.7	0.47	-0.45	-2.27
6,600.0	2.31	9.64	6,596.5	109.2	19.1	20.5	0.73	-0.73	0.49
6,700.0	1.92	1.83	6,696.5	112.9	19.5	20.9	0.48	-0.39	-7.81
6,800.0	2.26	358.40	6,796.4	116.5	19.5	21.0	0.36	0.34	-3.43
6,900.0	1.89	345.97	6,896.3	120.1	19.1	20.6	0.58	-0.37	-12.43
7,000.0	1.78	345.57	6,996.3	123.2	18.3	19.8	0.11	-0.11	-0.40
7,100.0	2.07	352.85	7,096.2	126.5	17.7	19.3	0.38	0.29	7.28
7,200.0	1.65	349.77	7,196.2	129.7	17.2	18.8	0.43	-0.42	-3.08
7,300.0	0.98	345.17	7,296.2	132.0	16.7	18.4	0.68	-0.67	-4.60
7,400.0	0.14	303.50	7,396.2	132.9	16.4	18.1	0.88	-0.84	-41.67
7,500.0	0.27	240.80	7,496.2	132.8	16.1	17.7	0.24	0.13	-62.70
7,600.0	0.38	213.68	7,596.2	132.4	15.7	17.4	0.19	0.11	-27.12
7,700.0	0.74	202.92	7,696.1	131.6	15.3	16.9	0.37	0.36	-10.76
7,727.0	0.73	188.16	7,723.1	131.2	15.2	16.8	0.70	-0.04	-54.67
7,727 MD VES Gyro Survey									
7,814.0	1.00	189.80	7,810.1	129.9	15.0	16.6	0.31	0.31	1.89
7,845.0	1.60	145.20	7,841.1	129.3	15.2	16.8	3.65	1.94	-143.87
7,877.0	5.20	116.00	7,873.1	128.3	16.7	18.3	12.13	11.25	-91.25
7,909.0	10.30	107.40	7,904.8	126.8	20.8	22.3	16.30	15.94	-26.88
7,940.0	15.80	104.40	7,935.0	124.9	27.5	29.1	17.87	17.74	-9.68
7,972.0	21.50	103.00	7,965.3	122.5	37.4	39.0	17.87	17.81	-4.38
8,003.0	26.60	101.40	7,993.6	119.9	49.8	51.3	16.58	16.45	-5.16
8,035.0	30.50	95.80	8,021.7	117.6	64.9	66.4	14.77	12.19	-17.50
8,067.0	33.00	90.30	8,048.9	116.8	81.7	83.1	11.94	7.81	-17.19
8,099.0	34.40	88.70	8,075.5	116.9	99.4	100.9	5.18	4.38	-5.00
8,130.0	35.30	87.90	8,100.9	117.5	117.1	118.6	3.26	2.90	-2.58
8,162.0	36.80	89.10	8,126.8	117.9	136.0	137.4	5.18	4.69	3.75
8,194.0	40.70	92.10	8,151.8	117.7	156.0	157.5	13.52	12.19	9.38
8,227.0	43.30	96.10	8,176.3	116.1	178.0	179.4	11.30	7.88	12.12
8,258.0	44.60	97.00	8,198.6	113.7	199.4	200.8	4.65	4.19	2.90
8,290.0	47.40	97.00	8,220.8	110.9	222.2	223.6	8.75	8.75	0.00



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Project:	Eddy County, New Mexico	TVD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Site:	Dorado 34 EH Fed Com #1H	MD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Well:	Dorado 34 EH Fed Com #1H Section 34	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,321.0	51.10	94.90	8,241.1	108.4	245.6	246.9	12.99	11.94	-6.77
8,353.0	53.40	93.80	8,260.7	106.5	270.8	272.1	7.68	7.19	-3.44
8,384.0	55.60	92.80	8,278.7	105.1	296.0	297.3	7.57	7.10	-3.23
8,416.0	58.40	92.60	8,296.1	103.8	322.8	324.1	8.77	8.75	-0.63
8,448.0	61.80	94.00	8,312.0	102.2	350.5	351.7	11.28	10.63	4.38
8,479.0	64.20	94.20	8,326.1	100.2	378.0	379.3	7.76	7.74	0.65
8,510.0	67.10	93.70	8,338.9	98.3	406.2	407.4	9.47	9.35	-1.61
8,542.0	70.20	93.00	8,350.5	96.5	436.0	437.1	9.90	9.69	-2.19
8,573.0	73.10	92.60	8,360.3	95.1	465.3	466.5	9.43	9.35	-1.29
8,605.0	74.70	90.30	8,369.2	94.3	496.1	497.2	8.53	5.00	-7.19
8,637.0	77.20	88.40	8,376.9	94.7	527.1	528.3	9.71	7.81	-5.94
8,667.0	80.10	87.34	8,382.8	95.8	556.5	557.6	10.28	9.68	-3.55
LP Dorado 34 EH Fed Com #1H									
8,668.0	80.20	87.30	8,383.0	95.8	557.5	558.6	10.28	9.68	-3.51
8,700.0	84.20	88.60	8,387.4	97.0	589.2	590.3	13.13	12.50	4.06
8,757.0	90.70	90.50	8,389.9	97.4	646.1	647.2	11.88	11.40	3.33
8,787.0	91.50	90.50	8,389.3	97.1	676.1	677.2	2.67	2.67	0.00
8,850.0	90.50	90.30	8,388.2	96.7	739.1	740.2	1.62	-1.59	-0.32
8,914.0	88.30	89.80	8,388.9	96.6	803.0	804.2	3.53	-3.44	-0.78
8,977.0	88.30	89.30	8,390.8	97.1	866.0	867.2	0.79	0.00	-0.79
9,040.0	88.10	90.00	8,392.7	97.5	929.0	930.1	1.16	-0.32	1.11
9,103.0	87.80	90.30	8,395.0	97.4	991.9	993.1	0.67	-0.48	0.48
9,167.0	88.50	90.30	8,397.1	97.0	1,055.9	1,057.0	1.09	1.09	0.00
9,230.0	87.60	89.60	8,399.2	97.1	1,118.9	1,120.0	1.81	-1.43	-1.11
9,293.0	87.30	89.30	8,402.0	97.7	1,181.8	1,182.9	0.67	-0.48	-0.48
9,356.0	87.40	89.60	8,404.9	98.3	1,244.7	1,245.9	0.50	0.16	0.48
9,419.0	87.80	89.40	8,407.6	98.8	1,307.7	1,308.8	0.71	0.63	-0.32
9,483.0	88.40	90.50	8,409.7	98.9	1,371.6	1,372.8	1.96	0.94	1.72
9,546.0	88.60	90.30	8,411.3	98.5	1,434.6	1,435.7	0.45	0.32	-0.32
9,609.0	89.00	90.30	8,412.6	98.1	1,497.6	1,498.7	0.63	0.63	0.00
9,672.0	89.30	90.50	8,413.6	97.7	1,560.6	1,561.7	0.57	0.48	0.32
9,736.0	89.10	90.50	8,414.5	97.1	1,624.6	1,625.7	0.31	-0.31	0.00
9,798.0	87.80	90.30	8,416.2	96.7	1,686.6	1,687.6	2.12	-2.10	-0.32
9,862.0	88.00	90.50	8,418.5	96.3	1,750.5	1,751.6	0.44	0.31	0.31
9,925.0	88.50	90.30	8,420.4	95.8	1,813.5	1,814.5	0.85	0.79	-0.32
9,989.0	88.50	90.50	8,422.1	95.4	1,877.5	1,878.5	0.31	0.00	0.31
10,052.0	88.90	90.00	8,423.5	95.1	1,940.4	1,941.5	1.02	0.63	-0.79
10,115.0	88.40	90.30	8,425.0	94.9	2,003.4	2,004.5	0.93	-0.79	0.48
10,210.0	88.10	90.10	8,427.9	94.6	2,098.4	2,099.4	0.38	-0.32	-0.21
10,305.0	88.60	90.10	8,430.6	94.4	2,193.3	2,194.4	0.53	0.53	0.00
10,398.0	89.00	89.80	8,432.6	94.5	2,286.3	2,287.3	0.54	0.43	-0.32
10,493.0	88.50	90.80	8,434.7	94.0	2,381.3	2,382.3	1.18	-0.53	1.05
10,588.0	88.70	90.80	8,437.0	92.7	2,476.3	2,477.2	0.21	0.21	0.00
10,683.0	88.80	90.80	8,439.1	91.4	2,571.2	2,572.2	0.11	0.11	0.00



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate/Reference:	Well: Dorado 34 EH Fed Com #1H Section 34
Project:	Eddy County, New Mexico	TVD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Site:	Dorado 34 EH Fed Com #1H	MD Reference:	GL 3434 + 20 @ 3454.0usft (Patterson 41)
Well:	Dorado 34 EH Fed Com #1H Section 34	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,779.0	89.30	90.70	8,440.7	90.1	2,667.2	2,668.1	0.53	0.52	-0.10
10,875.0	88.20	90.80	8,442.7	88.8	2,763.2	2,764.1	1.15	-1.15	0.10
10,970.0	88.80	90.50	8,445.2	87.8	2,858.1	2,859.0	0.71	0.63	-0.32
11,066.0	88.60	90.10	8,447.4	87.3	2,954.1	2,955.0	0.47	-0.21	-0.42
11,162.0	87.80	91.00	8,450.4	86.3	3,050.1	3,050.9	1.25	-0.83	0.94
11,257.0	88.70	90.70	8,453.3	84.9	3,145.0	3,145.8	1.00	0.95	-0.32
11,353.0	88.90	90.50	8,455.3	83.9	3,241.0	3,241.8	0.29	0.21	-0.21
11,447.0	89.50	90.50	8,456.7	83.1	3,335.0	3,335.7	0.64	0.64	0.00
11,536.0	88.10	91.40	8,458.5	81.6	3,423.9	3,424.7	1.87	-1.57	1.01
11,631.0	89.20	91.00	8,460.8	79.6	3,518.9	3,519.6	1.23	1.16	-0.42
11,727.0	88.00	91.40	8,463.1	77.6	3,614.8	3,615.5	1.32	-1.25	0.42
11,821.0	88.80	91.20	8,465.7	75.5	3,708.8	3,709.4	0.88	0.85	-0.21
11,917.0	87.80	90.70	8,468.6	73.9	3,804.7	3,805.3	1.16	-1.04	-0.52
12,013.0	88.40	90.10	8,471.8	73.2	3,900.6	3,901.3	0.88	0.63	-0.63
12,109.0	87.60	90.70	8,475.1	72.6	3,996.6	3,997.2	1.04	-0.83	0.63
12,204.0	87.70	91.00	8,479.0	71.2	4,091.5	4,092.1	0.33	0.11	0.32
12,300.0	88.50	90.70	8,482.2	69.7	4,187.4	4,188.0	0.89	0.83	-0.31
12,395.0	89.20	90.70	8,484.1	68.6	4,282.4	4,282.9	0.74	0.74	0.00
12,490.0	89.60	90.50	8,485.1	67.6	4,377.4	4,377.9	0.47	0.42	-0.21
12,584.0	88.50	90.70	8,486.6	66.6	4,471.4	4,471.9	1.19	-1.17	0.21
12,679.0	89.00	90.70	8,488.7	65.4	4,566.3	4,566.8	0.53	0.53	0.00
12,773.0	88.90	90.80	8,490.4	64.2	4,660.3	4,660.8	0.15	-0.11	0.11
12,970.0	90.00	90.80	8,492.3	61.5	4,857.3	4,857.7	0.56	0.56	0.00
12970' MD Projected to Bit - PBHL #1 Dorado 34 EH Fed Com #1H									

Design/Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,727.0	7,723.1	131.2	15.2	7727' MD VES Gyro Survey
12,970.0	8,492.3	61.5	4,857.3	12970' MD Projected to Bit

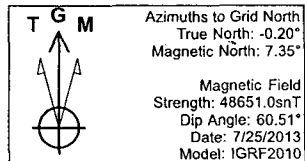


COMPANY: Mewbourne Oil Company
 WELL: Dorado 34 EH Fed Com #1H Section 34
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)
 RIG: Patterson 41



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.35°

OFFICE: 936.582.7296



GEODETIC ZONE: New Mexico East 3001 GL 3434 + 20 @ 3454.0usft (Patterson 41) GROUND ELEVATION: 3434.0						Slot	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.0	0.0	620385.38	612367.27	32° 42' 18.018 N	103° 58' 4.910 W		

PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	VSecl	Target
1	7727.0	0.73	188.16	7723.1	131.2	15.2	0.00	0.00	16.8	
2	7913.8	0.73	188.16	7909.9	128.9	14.8	0.00	0.00	16.5	
3	8652.9	88.59	90.69	8388.0	117.4	480.5	12.00	-97.49	481.9	
4	13171.7	88.59	90.69	8499.0	63.1	4997.6	0.00	0.00	4998.0	PBHL #1 Dorado 34 EH Fed Com #1H

