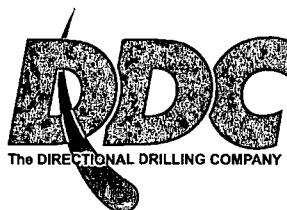


15-42131

Company Name: Mewbourne Oil Co
Mirage 30 B2HE State Com #1H
Eddy County, New Mexico
Rig: Patterson #46
Created By: Kaleigh DeCordova
Date: 12/02/2014

Mewbourne Oil Company



Mirage 30 B2HE State Com #1H
Eddy County, New Mexico
Q141265 & WT-141201
Design #2

PROJECT DETAILS: Eddy County, New Mexico

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: Mirage 30 B2HE State Com #1H

Ground Level: 3310.0
+N/-S +E/-W Northing Easting Latitude Longitude
0.0 0.0 594560.40 570115.30 32° 38' 3.979 N 104° 7' 13.321 W



Azimuths to Grid North

Correction: 7.41°

Magnetic Field
Strength: 48533.9snT
Dip Angle: 60.41°
Date: 3/3/2014
Model: IGRF2010

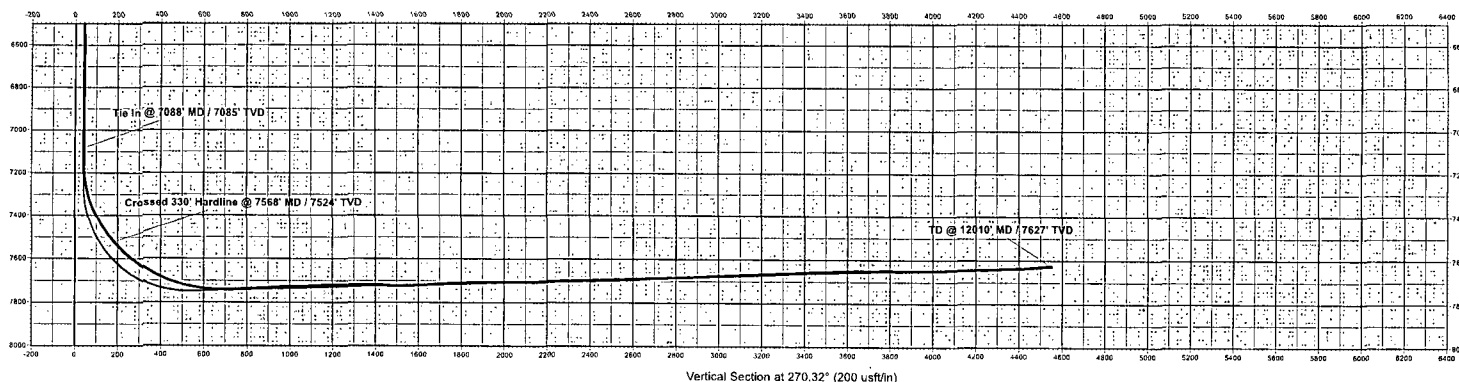
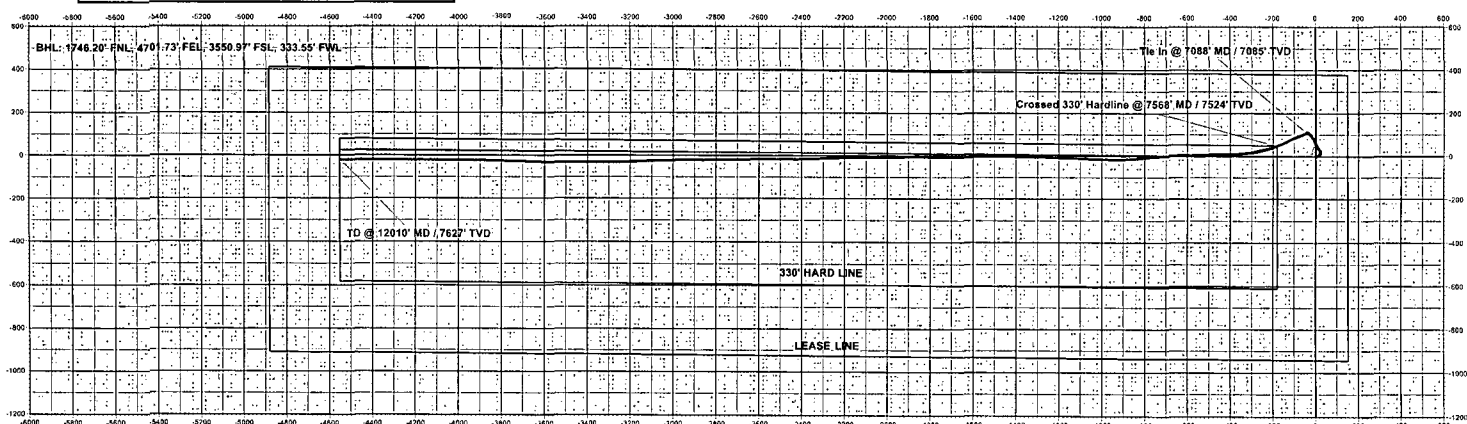
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Mirage 30 B2HE State Com #1H D#2 7630.0	25.4	-4555.4	594585.82	565559.87	32° 38' 3.979 N	104° 7' 13.321 W	

- plan hits target center

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
7088.0	1.23	179.62	7084.7	110.0	-41.3	41.9	160.7	Tie In @ 7088' MD / 7085' TVD
7568.2	43.91	247.07	7524.4	48.0	-180.2	180.5	314.3	Crossed 330' Hardline @ 7568' MD / 7524' TVD
12010.0	94.60	270.10	7626.6	-20.8	-4551.7	4551.5	4692.3	TD @ 12010' MD / 7627' TVD



Vertical Section at 270.32° (200 usft/in)

Mewbourne Oil Co

Eddy County, New Mexico

Sec 30, T-19-S, R-29-E

Mirage 30 B2HE State Com #1H

Wellbore #1

Design: Wellbore #1

DDC Survey Report

02 December, 2014



Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Mirage 30 B2HE State Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	Well @ 3330.0usft (Patterson)
Site:	Sec 30, T-19-S, R-29-E	MD Reference:	Well @ 3330.0usft (Patterson)
Well:	Mirage 30 B2HE State Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass

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	Sec 30, T-19-S, R-29-E		
Site Position:		Northing:	594,560.40 usft
From:	Map	Easting:	570,115.30 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 38' 3.634 N
		Longitude:	104° 6' 20.050 W
		Grid Convergence:	0.12 °

Well	Mirage 30 B2HE State Com #1H		
Well Position	+N/-S	0.0 usft	Northing: 594,560.40 usft
	+E/-W	0.0 usft	Easting: 570,115.30 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 38' 3.634 N
		Longitude:	104° 6' 20.050 W
		Ground Level:	3,310.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	3/3/2014	7.53
			Dip Angle (°)
			60.41
			Field Strength (nT)
			48,534

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			270.32

Survey Program	Date	12/2/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,088.0	GYRO (Wellbore #1)	Good_gyro	Good Gyro
7,156.0	12,010.0	MWD (Wellbore #1)	MWD default	MWD - Standard

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.39	116.30	100.0	-0.2	0.3	-0.3	0.39	0.39	0.00
200.0	0.39	85.91	200.0	-0.3	0.9	-1.0	0.20	0.00	-30.39
300.0	0.49	87.22	300.0	-0.2	1.7	-1.7	0.10	0.10	1.31
400.0	0.58	81.87	400.0	-0.1	2.6	-2.6	0.10	0.09	-5.35
500.0	0.60	80.33	500.0	0.0	3.7	-3.7	0.03	0.02	-1.54
600.0	0.64	71.84	600.0	0.3	4.7	-4.7	0.10	0.04	-8.49
700.0	1.06	73.79	700.0	0.7	6.1	-6.1	0.42	0.42	1.95
800.0	1.87	74.71	799.9	1.4	8.6	-8.6	0.81	0.81	0.92
900.0	1.83	75.14	899.9	2.2	11.7	-11.7	0.04	-0.04	0.43

Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Mirage 30 B2HE State Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	Well @ 3330.0usft (Patterson)
Site:	Sec 30, T-19-S, R-29-E	MD Reference:	Well @ 3330.0usft (Patterson)
Well:	Mirage 30 B2HE State Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass

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	1.45	71.06	999.8	3.1	14.4	-14.4	0.40	-0.38	-4.08
1,100.0	1.20	64.21	1,099.8	3.9	16.6	-16.6	0.30	-0.25	-6.85
1,200.0	0.81	51.45	1,199.8	4.8	18.1	-18.1	0.45	-0.39	-12.76
1,300.0	0.95	43.46	1,299.8	5.9	19.2	-19.2	0.19	0.14	-7.99
1,400.0	0.89	37.71	1,399.8	7.1	20.3	-20.2	0.11	-0.06	-5.75
1,500.0	0.84	24.91	1,499.8	8.4	21.0	-21.0	0.20	-0.05	-12.80
1,600.0	0.73	20.10	1,599.8	9.6	21.6	-21.5	0.13	-0.11	-4.81
1,700.0	0.84	11.98	1,699.7	10.9	21.9	-21.9	0.16	0.11	-8.12
1,800.0	0.90	8.70	1,799.7	12.4	22.2	-22.1	0.08	0.06	-3.28
1,900.0	1.02	357.62	1,899.7	14.1	22.3	-22.2	0.22	0.12	-11.08
2,000.0	0.98	356.54	1,999.7	15.8	22.2	-22.1	0.04	-0.04	-1.08
2,100.0	0.96	355.49	2,099.7	17.5	22.1	-22.0	0.03	-0.02	-1.05
2,200.0	0.95	353.57	2,199.7	19.2	21.9	-21.8	0.03	-0.01	-1.92
2,300.0	1.21	353.26	2,299.7	21.1	21.7	-21.6	0.26	0.26	-0.31
2,400.0	1.09	350.48	2,399.6	23.0	21.4	-21.3	0.13	-0.12	-2.78
2,500.0	0.79	4.58	2,499.6	24.7	21.3	-21.2	0.38	-0.30	14.10
2,600.0	0.42	44.01	2,599.6	25.6	21.6	-21.5	0.54	-0.37	39.43
2,700.0	0.23	86.98	2,699.6	25.9	22.1	-21.9	0.30	-0.19	42.97
2,800.0	0.26	94.63	2,799.6	25.9	22.5	-22.4	0.04	0.03	7.65
2,900.0	0.31	59.98	2,899.6	26.0	23.0	-22.8	0.18	0.05	-34.65
3,000.0	0.06	150.74	2,999.6	26.1	23.2	-23.1	0.32	-0.25	90.76
3,100.0	0.04	238.27	3,099.6	26.0	23.2	-23.1	0.07	-0.02	87.53
3,200.0	0.20	269.21	3,199.6	26.0	23.0	-22.9	0.17	0.16	30.94
3,300.0	0.52	292.72	3,299.6	26.2	22.4	-22.3	0.35	0.32	23.51
3,400.0	0.77	293.74	3,399.6	26.6	21.4	-21.2	0.25	0.25	1.02
3,500.0	0.89	293.19	3,499.6	27.2	20.1	-19.9	0.12	0.12	-0.55
3,600.0	1.34	311.34	3,599.6	28.3	18.5	-18.3	0.57	0.45	18.15
3,700.0	1.70	324.00	3,699.5	30.3	16.7	-16.6	0.49	0.36	12.66
3,800.0	2.29	332.67	3,799.5	33.2	14.9	-14.8	0.66	0.59	8.67
3,900.0	2.68	332.09	3,899.4	37.1	12.9	-12.7	0.39	0.39	-0.58
4,000.0	3.16	329.22	3,999.3	41.5	10.4	-10.2	0.50	0.48	-2.87
4,100.0	3.40	329.88	4,099.1	46.4	7.5	-7.3	0.24	0.24	0.66
4,200.0	3.65	331.05	4,198.9	51.8	4.5	-4.2	0.26	0.25	1.17
4,300.0	4.05	336.31	4,298.7	57.8	1.5	-1.2	0.53	0.40	5.26
4,400.0	4.47	337.41	4,398.4	64.6	-1.4	1.7	0.43	0.42	1.10
4,500.0	4.52	337.95	4,498.1	71.9	-4.4	4.8	0.07	0.05	0.54
4,600.0	3.70	337.17	4,597.8	78.5	-7.1	7.5	0.82	-0.82	-0.78
4,700.0	1.75	326.53	4,697.7	82.8	-9.2	9.6	2.01	-1.95	-10.64
4,800.0	0.71	292.78	4,797.7	84.3	-10.6	11.1	1.22	-1.04	-33.75
4,900.0	0.67	290.46	4,897.7	84.7	-11.7	12.2	0.05	-0.04	-2.32
5,000.0	0.63	283.99	4,997.7	85.1	-12.8	13.3	0.08	-0.04	-6.47
5,100.0	0.29	312.81	5,097.7	85.4	-13.5	14.0	0.40	-0.34	28.82
5,200.0	0.40	355.34	5,197.7	85.9	-13.7	14.2	0.27	0.11	42.53

Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Mirage 30 B2HE State Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	Well @ 3330.0usft (Patterson).
Site:	Sec 30, T-19-S, R-29-E	MD Reference:	Well @ 3330.0usft (Patterson)
Well:	Mirage 30 B2HE State Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass

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	0.94	347.80	5,297.7	87.0	-13.9	14.4	0.55	0.54	-7.54
5,400.0	1.53	338.16	5,397.6	89.1	-14.6	15.1	0.62	0.59	-9.64
5,500.0	2.03	326.95	5,497.6	91.8	-16.1	16.6	0.61	0.50	-11.21
5,600.0	3.64	310.82	5,597.5	95.4	-19.4	20.0	1.78	1.61	-16.13
5,700.0	3.86	311.55	5,697.3	99.7	-24.4	24.9	0.23	0.22	0.73
5,800.0	3.62	314.86	5,797.0	104.1	-29.1	29.7	0.32	-0.24	3.31
5,900.0	2.95	315.02	5,896.9	108.2	-33.2	33.8	0.67	-0.67	0.16
6,000.0	2.30	309.94	5,996.8	111.3	-36.5	37.1	0.69	-0.65	-5.08
6,100.0	0.95	275.31	6,096.7	112.6	-38.9	39.5	1.61	-1.35	-34.63
6,200.0	0.41	246.31	6,196.7	112.6	-40.0	40.7	0.62	-0.54	-29.00
6,300.0	0.32	274.49	6,296.7	112.5	-40.6	41.3	0.20	-0.09	28.18
6,400.0	0.38	248.92	6,396.7	112.4	-41.2	41.9	0.17	0.06	-25.57
6,500.0	0.43	235.88	6,496.7	112.0	-41.9	42.5	0.10	0.05	-13.04
6,600.0	0.42	172.03	6,596.7	111.5	-42.1	42.7	0.45	-0.01	-63.85
6,700.0	0.23	117.16	6,696.7	111.0	-41.9	42.5	0.34	-0.19	-54.87
6,800.0	0.23	39.40	6,796.7	111.1	-41.6	42.2	0.29	0.00	-77.76
6,900.0	0.31	7.09	6,896.7	111.5	-41.4	42.0	0.17	0.08	-32.31
7,000.0	0.50	175.96	6,996.7	111.3	-41.4	42.0	0.81	0.19	168.87
Tie In @ 7088' MD / 7085' TVD									
7,088.0	1.23	179.62	7,084.7	110.0	-41.3	41.9	0.83	0.83	4.16
7,156.0	0.60	131.40	7,152.7	109.0	-41.1	41.7	1.39	-0.93	-70.91
7,187.0	2.60	248.10	7,183.7	108.7	-41.6	42.2	9.42	6.45	376.45
7,219.0	6.50	249.20	7,215.6	107.7	-43.9	44.6	12.19	12.19	3.44
7,251.0	9.90	250.60	7,247.2	106.2	-48.2	48.8	10.64	10.63	4.38
7,283.0	13.40	250.80	7,278.6	104.1	-54.3	54.9	10.94	10.94	0.63
7,314.0	16.90	250.20	7,308.5	101.3	-62.0	62.5	11.30	11.29	-1.94
7,346.0	20.70	249.90	7,338.8	97.8	-71.7	72.2	11.88	11.88	-0.94
7,378.0	24.60	249.70	7,368.3	93.6	-83.2	83.7	12.19	12.19	-0.63
7,410.0	28.20	246.70	7,397.0	88.3	-96.4	96.9	11.99	11.25	-9.38
7,441.0	31.50	242.70	7,423.9	81.7	-110.3	110.8	12.43	10.65	-12.90
7,473.0	35.00	241.50	7,450.6	73.4	-125.8	126.3	11.13	10.94	-3.75
7,505.0	37.60	244.10	7,476.4	64.8	-142.7	143.1	9.44	8.13	8.13
7,537.0	40.50	246.00	7,501.3	56.3	-161.0	161.3	9.80	9.06	5.94
Crossed 330' Hardline @ 7568' MD / 7524' TVD									
7,568.2	43.91	247.07	7,524.4	48.0	-180.2	180.5	11.18	10.94	3.44
7,569.0	44.00	247.10	7,524.9	47.7	-180.7	181.0	11.18	10.95	3.22
7,600.0	46.30	250.60	7,546.8	39.8	-201.2	201.4	10.91	7.42	11.29
7,633.0	48.20	253.20	7,569.2	32.3	-224.2	224.4	8.16	5.76	7.88
7,665.0	51.70	255.40	7,589.8	25.7	-247.8	248.0	12.14	10.94	6.88
7,696.0	53.50	259.00	7,608.6	20.3	-271.8	271.9	10.90	5.81	11.61
7,728.0	55.80	260.80	7,627.1	15.7	-297.5	297.6	8.53	7.19	5.63
7,760.0	58.70	264.80	7,644.5	12.3	-324.2	324.3	13.88	9.06	12.50
7,791.0	61.30	266.80	7,660.0	10.4	-351.0	351.0	10.08	8.39	6.45
7,823.0	63.90	267.80	7,674.7	9.0	-379.4	379.4	8.59	8.13	3.13

Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Mirage 30 B2HE State Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	Well @ 3330.0usft (Patterson)
Site:	Sec 30, T-19-S, R-29-E	MD Reference:	Well @ 3330.0usft (Patterson)
Well:	Mirage 30 B2HE State Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass

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)
7,855.0	66.10	269.80	7,688.2	8.4	-408.4	408.4	8.91	6.88	6.25
7,887.0	69.10	269.20	7,700.4	8.2	-437.9	438.0	9.53	9.38	-1.88
7,919.0	72.30	269.10	7,711.0	7.7	-468.1	468.2	10.00	10.00	-0.31
7,951.0	75.20	267.80	7,719.9	6.9	-498.8	498.9	9.87	9.06	-4.06
7,982.0	78.10	267.30	7,727.1	5.6	-529.0	529.0	9.49	9.35	-1.61
8,014.0	80.50	268.00	7,733.0	4.3	-560.4	560.4	7.80	7.50	2.19
8,046.0	82.80	269.20	7,737.7	3.5	-592.0	592.0	8.09	7.19	3.75
8,078.0	86.10	269.80	7,740.8	3.3	-623.9	623.9	10.48	10.31	1.88
8,088.0	87.50	269.40	7,741.3	3.2	-633.9	633.9	14.56	14.00	-4.00
8,175.0	91.40	264.30	7,742.2	-1.6	-720.7	720.7	7.38	4.48	-5.86
8,207.0	91.40	264.50	7,741.4	-4.7	-752.5	752.5	0.62	0.00	0.63
8,270.0	92.40	265.20	7,739.3	-10.4	-815.2	815.2	1.94	1.59	1.11
8,333.0	93.20	267.00	7,736.2	-14.6	-878.0	877.9	3.12	1.27	2.86
8,397.0	94.30	271.00	7,732.0	-15.8	-941.8	941.7	6.47	1.72	6.25
8,461.0	91.30	272.20	7,728.9	-14.0	-1,005.7	1,005.6	5.05	-4.69	1.88
8,524.0	91.40	271.70	7,727.4	-11.8	-1,068.7	1,068.6	0.81	0.16	-0.79
8,587.0	93.60	271.90	7,724.7	-9.9	-1,131.6	1,131.5	3.51	3.49	0.32
8,650.0	90.20	272.00	7,722.6	-7.7	-1,194.5	1,194.4	5.40	-5.40	0.16
8,713.0	90.10	271.00	7,722.4	-6.1	-1,257.5	1,257.4	1.60	-0.16	-1.59
8,776.0	90.80	271.20	7,721.9	-4.9	-1,320.5	1,320.4	1.16	1.11	0.32
8,840.0	89.70	270.80	7,721.6	-3.7	-1,384.5	1,384.4	1.83	-1.72	-0.63
8,903.0	87.20	270.30	7,723.3	-3.1	-1,447.4	1,447.4	4.05	-3.97	-0.79
8,966.0	89.00	269.20	7,725.4	-3.4	-1,510.4	1,510.3	3.35	2.86	-1.75
9,029.0	93.10	268.50	7,724.3	-4.7	-1,573.3	1,573.3	6.60	6.51	-1.11
9,092.0	94.00	270.10	7,720.4	-5.4	-1,636.2	1,636.2	2.91	1.43	2.54
9,155.0	92.90	270.50	7,716.6	-5.1	-1,699.1	1,699.0	1.86	-1.75	0.63
9,218.0	92.20	269.80	7,713.8	-4.9	-1,762.0	1,762.0	1.57	-1.11	-1.11
9,281.0	91.50	269.40	7,711.7	-5.4	-1,825.0	1,824.9	1.28	-1.11	-0.63
9,345.0	92.10	269.20	7,709.7	-6.2	-1,889.0	1,888.9	0.99	0.94	-0.31
9,408.0	90.20	269.80	7,708.5	-6.7	-1,951.9	1,951.9	3.16	-3.02	0.95
9,471.0	89.90	269.40	7,708.4	-7.2	-2,014.9	2,014.9	0.79	-0.48	-0.63
9,534.0	90.00	269.40	7,708.5	-7.8	-2,077.9	2,077.9	0.16	0.16	0.00
9,597.0	91.40	269.20	7,707.7	-8.6	-2,140.9	2,140.8	2.24	2.22	-0.32
9,661.0	91.90	268.70	7,705.9	-9.8	-2,204.9	2,204.8	1.10	0.78	-0.78
9,724.0	91.90	268.00	7,703.8	-11.6	-2,267.8	2,267.7	1.11	0.00	-1.11
9,787.0	91.00	267.60	7,702.2	-14.0	-2,330.8	2,330.6	1.56	-1.43	-0.63
9,851.0	91.20	268.20	7,700.9	-16.3	-2,394.7	2,394.6	0.99	0.31	0.94
9,913.0	91.40	269.90	7,699.5	-17.4	-2,456.7	2,456.5	2.76	0.32	2.74
9,977.0	91.80	269.60	7,697.8	-17.6	-2,520.7	2,520.5	0.78	0.63	-0.47
10,040.0	93.10	269.40	7,695.1	-18.2	-2,583.6	2,583.5	2.09	2.06	-0.32
10,103.0	92.80	269.60	7,691.8	-18.7	-2,646.5	2,646.4	0.57	-0.48	0.32
10,166.0	92.40	269.20	7,689.0	-19.4	-2,709.4	2,709.3	0.90	-0.63	-0.63
10,230.0	92.20	269.20	7,686.4	-20.3	-2,773.4	2,773.2	0.31	-0.31	0.00

Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Mirage 30 B2HE State Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	Well @ 3330.0usft (Patterson)
Site:	Sec 30, T-19-S, R-29-E	MD Reference:	Well @ 3330.0usft (Patterson)
Well:	Mirage 30 B2HE State Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass

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)
10,293.0	92.60	269.60	7,683.8	-20.9	-2,836.3	2,836.2	0.90	0.63	0.63
10,356.0	92.40	269.10	7,681.0	-21.7	-2,899.3	2,899.1	0.85	-0.32	-0.79
10,419.0	92.20	268.90	7,678.5	-22.8	-2,962.2	2,962.0	0.45	-0.32	-0.32
10,483.0	92.40	268.40	7,675.9	-24.3	-3,026.1	3,025.9	0.84	0.31	-0.78
10,546.0	92.00	268.40	7,673.5	-26.0	-3,089.1	3,088.9	0.63	-0.63	0.00
10,609.0	91.40	267.80	7,671.6	-28.1	-3,152.0	3,151.8	1.35	-0.95	-0.95
10,673.0	92.30	268.00	7,669.6	-30.5	-3,215.9	3,215.7	1.44	1.41	0.31
10,736.0	92.90	268.70	7,666.7	-32.3	-3,278.8	3,278.6	1.46	0.95	1.11
10,799.0	93.50	269.60	7,663.2	-33.2	-3,341.7	3,341.5	1.72	0.95	1.43
10,862.0	92.50	270.80	7,659.9	-33.0	-3,404.6	3,404.4	2.48	-1.59	1.90
10,926.0	91.50	270.10	7,657.7	-32.5	-3,468.6	3,468.4	1.91	-1.56	-1.09
10,989.0	92.20	269.40	7,655.6	-32.8	-3,531.6	3,531.3	1.57	1.11	-1.11
11,052.0	91.40	271.90	7,653.6	-32.0	-3,594.5	3,594.3	4.16	-1.27	3.97
11,116.0	91.20	271.90	7,652.2	-29.9	-3,658.5	3,658.2	0.31	-0.31	0.00
11,179.0	91.10	271.30	7,650.9	-28.2	-3,721.4	3,721.2	0.97	-0.16	-0.95
11,242.0	89.80	272.00	7,650.4	-26.3	-3,784.4	3,784.2	2.34	-2.06	1.11
11,305.0	89.10	271.70	7,651.0	-24.3	-3,847.4	3,847.2	1.21	-1.11	-0.48
11,369.0	90.30	270.60	7,651.4	-23.0	-3,911.3	3,911.2	2.54	1.88	-1.72
11,432.0	91.70	270.30	7,650.3	-22.5	-3,974.3	3,974.1	2.27	2.22	-0.48
11,495.0	91.80	270.50	7,648.3	-22.1	-4,037.3	4,037.1	0.35	0.16	0.32
11,558.0	91.00	269.80	7,646.8	-21.9	-4,100.3	4,100.1	1.69	-1.27	-1.11
11,622.0	91.20	269.60	7,645.6	-22.3	-4,164.3	4,164.1	0.44	0.31	-0.31
11,684.0	91.50	270.10	7,644.1	-22.4	-4,226.2	4,226.1	0.94	0.48	0.81
11,748.0	92.60	270.60	7,641.8	-22.0	-4,290.2	4,290.0	1.89	1.72	0.78
11,812.0	92.90	270.80	7,638.8	-21.3	-4,354.1	4,353.9	0.56	0.47	0.31
11,874.0	92.40	269.90	7,635.9	-20.9	-4,416.1	4,415.9	1.66	-0.81	-1.45
11,938.0	94.10	270.10	7,632.3	-20.9	-4,480.0	4,479.8	2.67	2.66	0.31
11,956.0	94.60	270.10	7,630.9	-20.8	-4,497.9	4,497.7	2.78	2.78	0.00
TD @ 12010' MD / 7627' TVD									
12,010.0	94.60	270.10	7,626.6	-20.8	-4,551.7	4,551.5	0.00	0.00	0.00

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,088.0	7,084.7	110.0	-41.3	Tie In @ 7088' MD / 7085' TVD
7,568.2	7,524.4	48.0	-180.2	Crossed 330' Hardline @ 7568' MD / 7524' TVD
12,010.0	7,626.6	-20.8	-4,551.7	TD @ 12010' MD / 7627' TVD

Checked By: _____

Approved By: _____

Date: _____

Submit Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-42131
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No. V-3615 (SL) & V-4231
3. Address of Operator PO Box 5270, Hobbs NM 88241		7. Lease Name or Unit Agreement Name Mirage 30 B2HE State Com
4. Well Location Unit Letter <u>H</u> : <u>1700</u> feet from the <u>North</u> line and <u>150</u> feet from the <u>East</u> line Section <u>30</u> Township <u>19S</u> Range <u>29E</u> NMPM <u>Eddy</u> County		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3310' GL		9. OGRID Number 14744
		10. Pool name or Wildcat Parkway; Bone Spring

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: Completion Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/13/15 Frac Bone Spring Ports from 8222' MD to 12000 MD in 20 stages w/427,476 gals slickwater, 184,296 gals 20# Linear gel carrying 75,560# 100 mesh, 863,478 gals 20# XL gel carrying 1,631,200# 20/40 white sand & 395,640# 20/40 SB Excel Sand. Flowback well for cleanup.

03/21/15 RIH w/ESP Equipment & 2 7/8" 6.5 L80 tbg to 7540'. Put well on production.

Spud Date: 11/13/14

Rig Release Date: 12/04/14

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE Regulatory DATE 03/23/15

Type or print name Jackie Lathan E-mail address: jlathan@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):