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NM OIL CONSERVATION
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Mewbourne Oil Company .

Eddy County, New Mexico

Section 36-25S-31E Bebop W1MD State #2H

Bebop 36 W1MD State #2H

Original Hole

Design: Original Hole

Standard Survey Report

07 December, 2015





Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Bebop 36 W1MD State #2H
Project:	Eddy County, New Mexico	TVD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Site:	Section 36-25S-31E Bebop W1MD State #2H	MD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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 36-25S-31E Bebop W1MD State #2H				
Site Position:		Northing:	393,296.10 usft	Latitude:	32° 4' 47.602 N
From:	Map	Easting:	684,291.40 usft	Longitude:	103° 44' 17.963 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.32 °

Well	Bebop 36 W1MD State #2H					
Well Position	+N/-S	0.0 usft	Northing:	393,296.10 usft	Latitude:	32° 4' 47.602 N
	+E/-W	0.0 usft	Easting:	684,291.40 usft	Longitude:	103° 44' 17.963 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,288.0 usft	

Wellbore	Original Hole				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/3/2015	7.20	59.92	48,002

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	359.83

Survey Program	Date 12/7/2015				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	11,170.0	Phoenix Gyro Survey (Original Hole)	SRG-GYRO-MS	surface readout gyro multishot	
11,257.0	16,550.0	MWD Survey (Original Hole)	MWD	MWD v3:standard declination	

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	0.30	310.55	100.0	0.2	-0.2	0.2	0.30	0.30	0.00
	200.0	0.10	109.11	200.0	0.3	-0.3	0.3	0.39	-0.20	158.56
	300.0	0.83	32.84	300.0	0.9	0.2	0.9	0.81	0.73	-76.27
	400.0	1.31	26.01	400.0	2.5	1.1	2.5	0.50	0.48	-6.83
	500.0	1.46	31.99	499.9	4.6	2.2	4.6	0.21	0.15	5.98
	600.0	2.77	51.33	599.9	7.2	4.8	7.2	1.47	1.31	19.34
	700.0	2.97	56.30	699.8	10.2	8.8	10.1	0.32	0.20	4.97
	800.0	2.93	61.93	799.6	12.8	13.2	12.8	0.29	-0.04	5.63
	900.0	2.46	57.84	899.5	15.2	17.3	15.1	0.51	-0.47	-4.09



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Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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	2.25	62.53	999.4	17.2	20.9	17.1	0.28	-0.21	4.69
1,100.0	2.28	62.99	1,099.3	19.0	24.4	18.9	0.04	0.03	0.46
1,200.0	1.63	47.81	1,199.3	20.9	27.2	20.8	0.83	-0.65	-15.18
1,300.0	0.49	10.75	1,299.3	22.2	28.3	22.2	1.27	-1.14	-37.06
1,400.0	0.35	314.00	1,399.3	22.9	28.2	22.8	0.42	-0.14	-56.75
1,500.0	0.21	356.90	1,499.3	23.3	28.0	23.2	0.24	-0.14	42.90
1,600.0	0.13	209.86	1,599.3	23.4	27.9	23.3	0.33	-0.08	-147.04
1,700.0	0.24	95.97	1,699.3	23.2	28.1	23.2	0.32	0.11	-113.89
1,800.0	0.42	139.78	1,799.3	22.9	28.5	22.9	0.30	0.18	43.81
1,900.0	0.45	153.18	1,899.3	22.3	28.9	22.2	0.11	0.03	13.40
2,000.0	0.49	167.23	1,999.3	21.5	29.2	21.5	0.12	0.04	14.05
2,100.0	0.53	174.65	2,099.3	20.7	29.3	20.6	0.08	0.04	7.42
2,200.0	0.51	163.96	2,199.3	19.8	29.5	19.7	0.10	-0.02	-10.69
2,300.0	0.41	129.14	2,299.2	19.1	29.9	19.0	0.29	-0.10	-34.82
2,400.0	0.41	158.51	2,399.2	18.6	30.3	18.5	0.21	0.00	29.37
2,500.0	0.50	180.41	2,499.2	17.8	30.4	17.7	0.19	0.09	21.90
2,600.0	0.41	150.56	2,599.2	17.0	30.6	17.0	0.25	-0.09	-29.85
2,700.0	0.47	166.98	2,699.2	16.3	30.9	16.2	0.14	0.06	16.42
2,800.0	0.46	170.40	2,799.2	15.5	31.0	15.4	0.03	-0.01	3.42
2,900.0	0.48	164.25	2,899.2	14.7	31.2	14.6	0.05	0.02	-6.15
3,000.0	0.50	186.19	2,999.2	13.9	31.3	13.8	0.19	0.02	21.94
3,100.0	0.51	183.22	3,099.2	13.0	31.2	12.9	0.03	0.01	-2.97
3,200.0	0.51	180.41	3,199.2	12.1	31.2	12.0	0.03	0.00	-2.81
3,300.0	0.57	190.78	3,299.2	11.2	31.1	11.1	0.11	0.06	10.37
3,400.0	0.46	201.32	3,399.2	10.3	30.8	10.2	0.14	-0.11	10.54
3,500.0	0.51	182.77	3,499.2	9.5	30.7	9.4	0.16	0.05	-18.55
3,600.0	0.47	171.44	3,599.2	8.7	30.7	8.6	0.10	-0.04	-11.33
3,700.0	0.70	134.02	3,699.2	7.8	31.2	7.7	0.43	0.23	-37.42
3,800.0	0.90	102.02	3,799.2	7.3	32.4	7.2	0.48	0.20	-32.00
3,900.0	1.32	129.41	3,899.2	6.4	34.1	6.3	0.67	0.42	27.39
4,000.0	1.55	115.53	3,999.1	5.0	36.2	4.9	0.42	0.23	-13.88
4,100.0	1.88	131.27	4,099.1	3.4	38.6	3.3	0.57	0.33	15.74
4,200.0	1.88	126.48	4,199.0	1.3	41.2	1.2	0.16	0.00	-4.79
4,300.0	1.81	128.90	4,299.0	-0.6	43.7	-0.8	0.10	-0.07	2.42
4,400.0	1.55	113.47	4,398.9	-2.2	46.2	-2.3	0.52	-0.26	-15.43
4,500.0	1.55	133.19	4,498.9	-3.6	48.4	-3.8	0.53	0.00	19.72
4,600.0	1.40	132.94	4,598.9	-5.4	50.3	-5.5	0.15	-0.15	-0.25
4,700.0	1.16	120.87	4,698.9	-6.7	52.1	-6.9	0.36	-0.24	-12.07
4,800.0	0.73	127.14	4,798.8	-7.7	53.5	-7.8	0.44	-0.43	6.27
4,900.0	0.36	168.52	4,898.8	-8.3	54.0	-8.5	0.52	-0.37	41.38
5,000.0	0.37	96.75	4,998.8	-8.7	54.4	-8.9	0.43	0.01	-71.77
5,100.0	0.21	261.65	5,098.8	-8.8	54.6	-8.9	0.58	-0.16	164.90
5,200.0	0.05	328.24	5,198.8	-8.7	54.4	-8.9	0.20	-0.16	66.59



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Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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	0.42	279.03	5,298.8	-8.7	54.0	-8.8	0.39	0.37	-49.21	
5,400.0	0.61	262.90	5,398.8	-8.7	53.1	-8.8	0.24	0.19	-16.13	
5,500.0	0.59	290.84	5,498.8	-8.5	52.1	-8.7	0.29	-0.02	27.94	
5,600.0	0.64	287.10	5,598.8	-8.2	51.1	-8.3	0.06	0.05	-3.74	
5,700.0	0.62	302.34	5,698.8	-7.7	50.1	-7.9	0.17	-0.02	15.24	
5,800.0	0.65	320.43	5,798.8	-7.0	49.2	-7.2	0.20	0.03	18.09	
5,900.0	0.60	323.09	5,898.8	-6.2	48.6	-6.3	0.06	-0.05	2.66	
6,000.0	0.58	328.20	5,998.8	-5.3	48.0	-5.5	0.06	-0.02	5.11	
6,100.0	0.60	305.56	6,098.8	-4.6	47.3	-4.7	0.23	0.02	-22.64	
6,200.0	0.55	307.89	6,198.8	-4.0	46.5	-4.1	0.06	-0.05	2.33	
6,300.0	0.47	262.56	6,298.8	-3.7	45.7	-3.9	0.40	-0.08	-45.33	
6,400.0	0.42	289.34	6,398.8	-3.7	45.0	-3.8	0.21	-0.05	26.78	
6,500.0	0.58	285.37	6,498.8	-3.4	44.1	-3.5	0.16	0.16	-3.97	
6,600.0	0.54	235.59	6,598.8	-3.5	43.2	-3.7	0.47	-0.04	-49.78	
6,700.0	1.04	289.88	6,698.8	-3.5	42.0	-3.6	0.85	0.50	54.29	
6,800.0	1.04	287.72	6,798.7	-2.9	40.3	-3.0	0.04	0.00	-2.16	
6,900.0	0.90	280.01	6,898.7	-2.5	38.6	-2.6	0.19	-0.14	-7.71	
7,000.0	0.87	275.39	6,998.7	-2.3	37.1	-2.4	0.08	-0.03	-4.62	
7,100.0	0.87	275.88	7,098.7	-2.1	35.6	-2.3	0.01	0.00	0.49	
7,200.0	0.78	268.64	7,198.7	-2.1	34.2	-2.2	0.14	-0.09	-7.24	
7,300.0	0.79	261.14	7,298.7	-2.2	32.8	-2.3	0.10	0.01	-7.50	
7,400.0	0.78	257.28	7,398.7	-2.5	31.5	-2.6	0.05	-0.01	-3.86	
7,500.0	0.76	249.28	7,498.7	-2.8	30.2	-2.9	0.11	-0.02	-8.00	
7,600.0	0.59	165.69	7,598.7	-3.6	29.7	-3.7	0.91	-0.17	-83.59	
7,700.0	0.66	177.68	7,698.7	-4.7	29.8	-4.7	0.15	0.07	11.99	
7,800.0	0.83	147.88	7,798.6	-5.8	30.2	-5.9	0.42	0.17	-29.80	
7,900.0	0.79	158.37	7,898.6	-7.1	30.9	-7.2	0.15	-0.04	10.49	
8,000.0	0.75	190.26	7,998.6	-8.4	31.0	-8.5	0.42	-0.04	31.89	
8,100.0	0.74	194.50	8,098.6	-9.7	30.7	-9.7	0.06	-0.01	4.24	
8,200.0	0.74	210.30	8,198.6	-10.8	30.3	-10.9	0.20	0.00	15.80	
8,300.0	0.75	218.90	8,298.6	-11.9	29.5	-12.0	0.11	0.01	8.60	
8,400.0	0.69	227.02	8,398.6	-12.8	28.7	-12.9	0.12	-0.06	8.12	
8,500.0	0.60	239.94	8,498.6	-13.5	27.8	-13.6	0.17	-0.09	12.92	
8,600.0	0.49	277.58	8,598.6	-13.7	26.9	-13.8	0.37	-0.11	37.64	
8,700.0	1.02	341.10	8,698.6	-12.8	26.2	-12.9	0.91	0.53	63.52	
8,800.0	1.74	293.45	8,798.6	-11.4	24.5	-11.4	1.29	0.72	-47.65	
8,900.0	1.40	256.31	8,898.5	-11.0	21.9	-11.1	1.05	-0.34	-37.14	
9,000.0	1.44	228.82	8,998.5	-12.2	19.8	-12.2	0.68	0.04	-27.49	
9,100.0	1.47	234.99	9,098.5	-13.7	17.8	-13.8	0.16	0.03	6.17	
9,200.0	1.26	247.67	9,198.4	-14.9	15.7	-14.9	0.37	-0.21	12.68	
9,300.0	1.46	252.00	9,298.4	-15.7	13.5	-15.7	0.22	0.20	4.33	
9,400.0	1.46	244.97	9,398.4	-16.6	11.1	-16.7	0.18	0.00	-7.03	
9,500.0	1.59	228.21	9,498.3	-18.1	8.9	-18.1	0.46	0.13	-16.76	



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Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
9,600.0	1.38	242.94	9,598.3	-19.6	6.8	-19.6	0.43	-0.21	14.73
9,700.0	0.40	338.82	9,698.3	-19.8	5.6	-19.8	1.48	-0.98	95.88
9,800.0	0.25	319.18	9,798.3	-19.3	5.4	-19.3	0.18	-0.15	-19.64
9,900.0	1.44	215.92	9,898.3	-20.1	4.5	-20.2	1.52	1.19	-103.26
10,000.0	1.51	240.58	9,998.2	-21.8	2.6	-21.8	0.63	0.07	24.66
10,100.0	1.01	336.40	10,098.2	-21.6	1.1	-21.6	1.90	-0.50	95.82
10,200.0	0.82	21.93	10,198.2	-20.2	1.0	-20.2	0.73	-0.19	45.53
10,300.0	0.58	79.96	10,298.2	-19.4	1.8	-19.4	0.71	-0.24	58.03
10,400.0	0.20	84.99	10,398.2	-19.3	2.5	-19.3	0.38	-0.38	5.03
10,500.0	1.77	99.87	10,498.2	-19.6	4.2	-19.6	1.58	1.57	14.88
10,600.0	1.42	80.86	10,598.2	-19.6	6.9	-19.7	0.63	-0.35	-19.01
10,700.0	1.05	85.24	10,698.1	-19.4	9.0	-19.4	0.38	-0.37	4.38
10,800.0	0.74	327.57	10,798.1	-18.7	9.6	-18.8	1.54	-0.31	-117.67
10,900.0	1.28	340.16	10,898.1	-17.1	8.9	-17.2	0.58	0.54	12.59
11,000.0	1.84	333.31	10,998.1	-14.7	7.8	-14.7	0.59	0.56	-6.85
11,100.0	1.44	332.25	11,098.0	-12.1	6.5	-12.1	0.40	-0.40	-1.06
11,170.0	1.42	311.40	11,168.0	-10.8	5.4	-10.8	0.74	-0.03	-29.79
11170' MD Phoenix Gyro									
11,257.0	1.60	274.30	11,255.0	-10.0	3.4	-10.0	1.12	0.21	-42.64
11,351.0	2.00	272.20	11,348.9	-9.8	0.4	-9.8	0.43	0.43	-2.23
11,415.0	2.10	327.80	11,412.9	-8.8	-1.3	-8.8	2.99	0.16	86.88
11,446.0	5.60	355.70	11,443.8	-6.8	-1.7	-6.8	12.49	11.29	90.00
11,478.0	9.40	2.10	11,475.5	-2.6	-1.7	-2.6	12.14	11.88	20.00
11,510.0	11.30	0.60	11,507.0	3.1	-1.6	3.2	6.00	5.94	-4.69
11,541.0	12.80	354.50	11,537.3	9.6	-1.9	9.6	6.34	4.84	-19.68
11,573.0	16.90	351.60	11,568.3	17.7	-2.9	17.7	13.02	12.81	-9.06
11,605.0	19.30	351.40	11,598.7	27.6	-4.4	27.6	7.50	7.50	-0.63
11,636.0	21.90	356.60	11,627.7	38.4	-5.5	38.4	10.25	8.39	16.77
11,668.0	23.60	2.20	11,657.2	50.8	-5.6	50.8	8.60	5.31	17.50
11,700.0	25.40	5.30	11,686.3	64.0	-4.7	64.0	6.91	5.63	9.69
11,731.0	29.60	6.00	11,713.8	78.2	-3.3	78.3	13.59	13.55	2.26
11,763.0	34.30	4.90	11,741.0	95.1	-1.7	95.1	14.80	14.69	-3.44
11,794.0	36.10	2.70	11,766.3	112.9	-0.5	112.9	7.10	5.81	-7.10
11,826.0	36.10	0.70	11,792.2	131.8	0.0	131.8	3.68	0.00	-6.25
11,858.0	37.20	359.90	11,817.8	150.9	0.1	150.9	3.75	3.44	-2.50
11,889.0	39.60	2.30	11,842.1	170.1	0.5	170.1	9.11	7.74	7.74
11,921.0	40.30	1.80	11,866.7	190.7	1.2	190.6	2.41	2.19	-1.56
11,952.0	42.10	1.00	11,890.0	211.1	1.7	211.1	6.05	5.81	-2.58
11,984.0	44.70	0.00	11,913.2	233.0	1.9	233.0	8.40	8.13	-3.13
12,015.0	46.60	2.20	11,934.9	255.2	2.3	255.2	7.96	6.13	7.10
12,047.0	50.20	3.50	11,956.1	279.1	3.5	279.1	11.65	11.25	4.06
12,079.0	56.40	3.60	11,975.3	304.7	5.1	304.7	19.38	19.38	0.31
12,110.0	62.40	2.90	11,991.0	331.3	6.6	331.3	19.45	19.35	-2.26
12,142.0	68.70	2.10	12,004.3	360.4	7.9	360.4	19.82	19.69	-2.50

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Bebop 36 W1MD State #2H
Project:	Eddy County, New Mexico	TVD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Site:	Section 36-25S-31E Bebop W1MD State #2H	MD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
12,174.0	74.90	2.30	12,014.3	390.8	9.1	390.7	19.38	19.38	0.63
12,189.0	73.60	2.10	12,018.3	405.2	9.6	405.2	8.76	-8.67	-1.33
12,258.0	80.00	2.30	12,034.1	472.3	12.2	472.3	9.28	9.28	0.29
12,289.0	80.40	0.80	12,039.4	502.8	13.0	502.8	4.94	1.29	-4.84
12,321.0	82.00	357.90	12,044.2	534.4	12.7	534.4	10.26	5.00	-9.06
12,353.0	83.60	355.40	12,048.3	566.1	10.8	566.1	9.22	5.00	-7.81
12,357.8	83.68	355.09	12,048.8	570.8	10.4	570.8	6.61	1.60	-6.46
LP Bebop 36 W1MD St 2H									
12,384.0	84.10	353.40	12,051.6	596.8	7.8	596.8	6.61	1.61	-6.45
12,416.0	86.30	351.80	12,054.3	628.4	3.7	628.4	8.49	6.88	-5.00
12,447.0	88.70	350.50	12,055.6	659.0	-1.1	659.0	8.80	7.74	-4.19
12,479.0	89.80	350.30	12,056.0	690.6	-6.4	690.6	3.49	3.44	-0.63
12,511.0	89.80	351.10	12,056.1	722.2	-11.6	722.2	2.50	0.00	2.50
12,574.0	90.10	352.70	12,056.2	784.5	-20.5	784.6	2.58	0.48	2.54
12,669.0	90.10	352.80	12,056.0	878.8	-32.4	878.9	0.11	0.00	0.11
12,764.0	89.30	354.70	12,056.5	973.2	-42.8	973.3	2.17	-0.84	2.00
12,859.0	90.50	357.10	12,056.7	1,067.9	-49.6	1,068.1	2.82	1.26	2.53
12,954.0	90.50	358.30	12,055.9	1,162.9	-53.4	1,163.0	1.26	0.00	1.26
13,049.0	90.10	359.70	12,055.4	1,257.8	-55.0	1,258.0	1.53	-0.42	1.47
13,143.0	89.20	0.10	12,055.9	1,351.8	-55.2	1,352.0	1.05	-0.96	0.43
13,238.0	88.80	0.60	12,057.6	1,446.8	-54.6	1,447.0	0.67	-0.42	0.53
13,333.0	89.40	0.90	12,059.1	1,541.8	-53.4	1,542.0	0.71	0.63	0.32
13,427.0	90.10	2.00	12,059.5	1,635.8	-51.0	1,635.9	1.39	0.74	1.17
13,522.0	92.50	3.80	12,057.3	1,730.6	-46.2	1,730.7	3.16	2.53	1.89
13,618.0	93.40	3.50	12,052.4	1,826.3	-40.1	1,826.4	0.99	0.94	-0.31
13,712.0	92.90	4.30	12,047.2	1,919.9	-33.7	1,920.0	1.00	-0.53	0.85
13,807.0	93.50	4.50	12,041.9	2,014.5	-26.4	2,014.6	0.67	0.63	0.21
13,902.0	90.30	2.70	12,038.8	2,109.2	-20.5	2,109.3	3.86	-3.37	-1.89
13,965.0	88.90	2.40	12,039.2	2,172.2	-17.7	2,172.2	2.27	-2.22	-0.48
13,996.0	87.70	1.50	12,040.1	2,203.1	-16.6	2,203.2	4.84	-3.87	-2.90
14,028.0	86.80	1.10	12,041.7	2,235.1	-15.9	2,235.1	3.08	-2.81	-1.25
14,091.0	86.20	0.60	12,045.5	2,298.0	-15.0	2,298.0	1.24	-0.95	-0.79
14,186.0	86.70	0.00	12,051.4	2,392.8	-14.5	2,392.8	0.82	0.53	-0.63
14,280.0	86.80	0.30	12,056.7	2,486.6	-14.2	2,486.7	0.34	0.11	0.32
14,375.0	86.20	0.10	12,062.5	2,581.5	-13.9	2,581.5	0.67	-0.63	-0.21
14,470.0	88.10	1.40	12,067.3	2,676.3	-12.7	2,676.4	2.42	2.00	1.37
14,565.0	89.50	1.70	12,069.3	2,771.3	-10.1	2,771.3	1.51	1.47	0.32
14,606.0	90.90	1.80	12,069.1	2,812.2	-8.8	2,812.3	3.42	3.41	0.24
14,755.0	90.60	2.50	12,067.2	2,961.1	-3.2	2,961.1	0.51	-0.20	0.47
14,850.0	89.80	2.50	12,066.8	3,056.0	0.9	3,056.0	0.84	-0.84	0.00
14,944.0	89.40	2.80	12,067.5	3,149.9	5.2	3,149.9	0.53	-0.43	0.32
15,039.0	90.00	3.60	12,068.0	3,244.8	10.6	3,244.7	1.05	0.63	0.84
15,134.0	89.50	5.00	12,068.4	3,339.5	17.7	3,339.4	1.56	-0.53	1.47



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Bebop 36 W1MD State #2H
Project:	Eddy County, New Mexico	TVD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Site:	Section 36-25S-31E Bebop W1MD State #2H	MD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
15,229.0	89.20	4.90	12,069.5	3,434.2	25.9	3,434.1	0.33	-0.32	-0.11
15,324.0	89.10	4.60	12,070.9	3,528.8	33.7	3,528.7	0.33	-0.11	-0.32
15,419.0	89.70	4.50	12,071.9	3,623.5	41.3	3,623.4	0.64	0.63	-0.11
15,514.0	90.50	3.90	12,071.7	3,718.3	48.2	3,718.1	1.05	0.84	-0.63
15,609.0	88.70	1.80	12,072.4	3,813.1	53.0	3,813.0	2.91	-1.89	-2.21
15,704.0	90.50	3.00	12,073.0	3,908.0	56.9	3,907.8	2.28	1.89	1.26
15,799.0	92.50	1.30	12,070.6	4,002.9	60.5	4,002.7	2.76	2.11	-1.79
15,893.0	92.30	1.80	12,066.6	4,096.8	63.0	4,096.6	0.57	-0.21	0.53
15,988.0	90.90	359.10	12,064.0	4,191.8	63.8	4,191.6	3.20	-1.47	-2.84
16,083.0	91.50	0.10	12,062.0	4,286.7	63.1	4,286.5	1.23	0.63	1.05
16,178.0	92.00	359.70	12,059.1	4,381.7	63.0	4,381.5	0.67	0.53	-0.42
16,368.0	93.40	0.50	12,050.1	4,571.5	63.3	4,571.3	0.85	0.74	0.42
16,462.0	94.10	2.00	12,044.0	4,665.2	65.3	4,665.0	1.76	0.74	1.60
16,501.0	93.80	2.10	12,041.3	4,704.1	66.7	4,703.9	0.81	-0.77	0.26
16,550.0	93.80	2.10	12,038.0	4,753.0	68.5	4,752.8	0.00	0.00	0.00

16550' MD Projected to Bit - PBHL Bebop 36 W1MD St 2H

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,170.0	11,168.0	-10.8	5.4	11170' MD Phoenix Gyro
16,550.0	12,038.0	4,753.0	68.5	16550' MD Projected to Bit



NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 24 2016

December 23, 2015

RECEIVED

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
Bebop 36 W1MD State #002H
Ross Ranch; Wolfcamp (Gas)
Eddy County, New Mexico
API# 30-015-43320

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>
Keith Broussard	Original Hole	11,257ft. to 16,501ft.	11-23-15 to 12-06-15	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

Mewbourne Oil Company
Attn: Robin Terrell
P.O. Box 5720
Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Bebop 36 W1MD State #2H\151122

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



December 23, 2015

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 November 23, 2015, through December 06, 2015 conduct or supervise the taking of a SEDS MWD Survey from a depth of 11,257 feet to a depth of 16,501 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 Bebop 36 W1MD State #002H well, API # **30-015-43320** 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.

A handwritten signature in black ink, appearing to read "Todd Estes", written over a horizontal line.

Todd Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

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

Stryker Directional

Bebop 36 W1MD State #2H

Company: Mewbourne Oil Company
Project: Eddy County, New Mexico
Site: Section 36-25S-31E Bebob W1MD State #2H
Well: Bebob 36 W1MD State #2H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Bebob 36 W1MD State #2H
TVD Reference: 3288 + 25 @ 3313.0usft (Patterson #243)
MD Reference: 3288 + 25 @ 3313.0usft (Patterson #243)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

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

Site Section 36-25S-31E Bebob W1MD State #2H
Site Position: Northing: 393,296.10 usft Latitude: 32° 4' 47.602 N
From: Easting: 684,291.40 usft Longitude: 103° 44' 17.963 W
Position Uncertainty: Slot Radius: 13-3/16 " Grid Convergence: 0.32 °

Well Bebob 36 W1MD State #2H
Well Position +N/-S 0.0 usft Latitude: 32° 4' 47.602 N
Position Uncertainty +E/-W 0.0 usft Longitude: 103° 44' 17.963 W
Position Uncertainty 0.0 usft Ground Level: 3,288.0 usft

Wellbore Original Hole
Magnetics Model Name IGRF2015 Sample Date 11/3/2015 Declination (°) 7.20 Dip Angle (°) 59.92 Field Strength (nT) 48,002

Design Original Hole
Audit Notes: Version: 1.0 Phase: ACTUAL Tie On Depth: 0.0
Vertical Section: Depth From (TVD) (usft) 0.0 +N/-S (usft) 0.0 +E/-W (usft) 0.0 Direction (°) 359.83

Stryker Directional

Bebop 36 W1MD State #2H

Company: Mewbourne Oil Company
Project: Eddy County, New Mexico
Site: Section 36-25S-31E Bebob W1MD State #2H
Well: Bebob 36 W1MD State #2H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Bebob 36 W1MD State #2H
TVD Reference: 3288 + 25 @ 3313.0usft (Patterson #243)
MD Reference: 3288 + 25 @ 3313.0usft (Patterson #243)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Survey Program Date 12/7/2015

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	11,170.0	Phoenix Gyro Survey (Original Hole)	SRG-GYRO-MS	surface readout gyro multishot
11,257.0	16,550.0	MWD Survey (Original Hole)	MWD	MWD v3: standard declination

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100usft)
11,170.0	1.42	311.40	11,168.0	-10.8	5.4	-10.8	12.0	153.32	0.00
11,257.0	1.60	274.30	11,255.0	-10.0	3.4	-10.0	10.5	161.21	1.12
11,351.0	2.00	272.20	11,348.9	-9.8	0.4	-9.8	9.8	177.43	0.43
11,415.0	2.10	327.80	11,412.9	-8.8	-1.3	-8.8	8.9	188.46	2.99
11,446.0	5.60	355.70	11,443.8	-6.8	-1.7	-6.8	7.0	194.24	12.49
11,478.0	9.40	2.10	11,475.5	-2.6	-1.7	-2.6	3.1	213.79	12.14
11,510.0	11.30	0.60	11,507.0	3.1	-1.6	3.2	3.5	332.90	6.00
11,541.0	12.80	354.50	11,537.3	9.6	-1.9	9.6	9.8	348.76	6.34
11,573.0	16.90	351.60	11,568.3	17.7	-2.9	17.7	18.0	350.63	13.02
11,605.0	19.30	351.40	11,598.7	27.6	-4.4	27.6	27.9	350.94	7.50
11,636.0	21.90	356.60	11,627.7	38.4	-5.5	38.4	38.8	351.84	10.25
11,668.0	23.60	2.20	11,657.2	50.8	-5.6	50.8	51.1	353.69	8.60
11,700.0	25.40	5.30	11,686.3	64.0	-4.7	64.0	64.2	355.77	6.91
11,731.0	29.60	6.00	11,713.8	78.2	-3.3	78.3	78.3	357.57	13.59
11,763.0	34.30	4.90	11,741.0	95.1	-1.7	95.1	95.1	358.96	14.80
11,794.0	36.10	2.70	11,766.3	112.9	-0.5	112.9	112.9	359.72	7.10
11,826.0	36.10	0.70	11,792.2	131.8	0.0	131.8	131.8	0.01	3.68
11,858.0	37.20	359.90	11,817.8	150.9	0.1	150.9	150.9	0.04	3.75
11,889.0	39.60	2.30	11,842.1	170.1	0.5	170.1	170.1	0.17	9.11
11,921.0	40.30	1.80	11,866.7	190.7	1.2	190.6	190.7	0.37	2.41
11,952.0	42.10	1.00	11,890.0	211.1	1.7	211.1	211.1	0.47	6.05

Stryker Directional

Bebop 36 W1MD State #2H

Company: Mewbourne Oil Company
Project: Eddy County, New Mexico
Site: Section 36-25S-31E Bebop W1MD State #2H
Well: Bebop 36 W1MD State #2H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Bebop 36 W1MD State #2H
TVD Reference: 3288 + 25 @ 3313.0usft (Patterson #243)
MD Reference: 3288 + 25 @ 3313.0usft (Patterson #243)
North Reference: Gnd
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100usft)
11,984.0	44.70	0.00	11,913.2	233.0	1.9	233.0	233.1	0.47	8.40
12,015.0	46.60	2.20	11,934.9	255.2	2.3	255.2	255.2	0.53	7.96
12,047.0	50.20	3.50	11,956.1	279.1	3.5	279.1	279.1	0.73	11.65
12,079.0	56.40	3.60	11,975.3	304.7	5.1	304.7	304.7	0.96	19.38
12,110.0	62.40	2.90	11,991.0	331.3	6.6	331.3	331.4	1.15	19.45
12,142.0	68.70	2.10	12,004.3	360.4	7.9	360.4	360.5	1.26	19.82
12,174.0	74.90	2.30	12,014.3	390.8	9.1	390.7	390.9	1.33	19.38
12,189.0	73.60	2.10	12,018.3	405.2	9.6	405.2	405.3	1.36	8.76
12,258.0	80.00	2.30	12,034.1	472.3	12.2	472.3	472.5	1.48	9.28
12,289.0	80.40	0.80	12,039.4	502.8	13.0	502.8	503.0	1.48	4.94
12,321.0	82.00	357.90	12,044.2	534.4	12.7	534.4	534.6	1.36	10.26
12,353.0	83.60	355.40	12,048.3	566.1	10.8	566.1	566.2	1.09	9.22
12,384.0	84.10	353.40	12,051.6	596.8	7.8	596.8	596.9	0.75	6.61
12,416.0	86.30	351.80	12,054.3	628.4	3.7	628.4	628.4	0.34	8.49
12,447.0	88.70	350.50	12,055.6	659.0	-1.1	659.0	659.0	359.91	8.80
12,479.0	89.80	350.30	12,056.0	690.6	-6.4	690.6	690.6	359.47	3.49
12,511.0	89.80	351.10	12,056.1	722.2	-11.6	722.2	722.2	359.08	2.50
12,574.0	90.10	352.70	12,056.2	784.5	-20.5	784.6	784.8	358.51	2.58
12,569.0	90.10	352.80	12,056.0	878.8	-32.4	878.9	879.4	357.89	0.11
12,764.0	89.30	354.70	12,056.5	973.2	-42.8	973.3	974.1	357.48	2.17
12,859.0	90.50	357.10	12,056.7	1,067.9	-49.6	1,068.1	1,069.1	357.34	2.82
12,954.0	90.50	358.30	12,055.9	1,162.9	-53.4	1,163.0	1,164.1	357.37	1.26
13,049.0	90.10	359.70	12,055.4	1,257.8	-55.0	1,258.0	1,259.0	357.49	1.53
13,143.0	89.20	0.10	12,055.9	1,351.8	-55.2	1,352.0	1,353.0	357.66	1.05
13,238.0	88.80	0.60	12,057.6	1,446.8	-54.6	1,447.0	1,447.9	357.84	0.67
13,333.0	89.40	0.90	12,059.1	1,541.8	-53.4	1,542.0	1,542.7	358.02	0.71
13,427.0	90.10	2.00	12,059.5	1,635.8	-51.0	1,635.9	1,636.6	358.21	1.39

Stryker Directional

Bebop 36 W1MD State #2H

Company:
Project:
Site:
Well:
Design:

Mewbourne Oil Company
Eddy County, New Mexico
Section 36-25S-31E Bebo W1MD State #2H
Bebop 36 W1MD State #2H
Original Hole

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well Bebo 36 W1MD State #2H
3288 + 25 @ 3313.0usft (Patterson #243)
3288 + 25 @ 3313.0usft (Patterson #243)
Grid
Minimum Curvature
Stryker_EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100usft)
13,522.0	92.50	3.80	12,057.3	1,730.6	-46.2	1,730.7	1,731.2	358.47	3.16
13,618.0	93.40	3.50	12,052.4	1,826.3	-40.1	1,826.4	1,826.7	358.74	0.99
13,712.0	92.90	4.30	12,047.2	1,919.9	-33.7	1,920.0	1,920.2	358.99	1.00
13,807.0	93.50	4.50	12,041.9	2,014.5	-26.4	2,014.6	2,014.7	359.25	0.67
13,902.0	90.30	2.70	12,038.8	2,109.2	-20.5	2,109.3	2,109.3	359.44	3.86
13,965.0	88.90	2.40	12,039.2	2,172.2	-17.7	2,172.2	2,172.2	359.53	2.27
13,996.0	87.70	1.50	12,040.1	2,203.1	-16.6	2,203.2	2,203.2	359.57	4.84
14,028.0	86.80	1.10	12,041.7	2,235.1	-15.9	2,235.1	2,235.2	359.59	3.08
14,091.0	86.20	0.60	12,045.5	2,298.0	-15.0	2,298.0	2,298.0	359.63	1.24
14,186.0	86.70	0.00	12,051.4	2,392.8	-14.5	2,392.8	2,392.8	359.65	0.82
14,280.0	86.80	0.30	12,056.7	2,486.6	-14.2	2,486.7	2,486.7	359.67	0.34
14,375.0	86.20	0.10	12,062.5	2,581.5	-13.9	2,581.5	2,581.5	359.69	0.67
14,470.0	88.10	1.40	12,067.3	2,676.3	-12.7	2,676.4	2,676.4	359.73	2.42
14,565.0	89.50	1.70	12,069.3	2,771.3	-10.1	2,771.3	2,771.3	359.79	1.51
14,606.0	90.90	1.80	12,069.1	2,812.2	-8.8	2,812.3	2,812.3	359.82	3.42
14,755.0	90.60	2.50	12,067.2	2,961.1	-3.2	2,961.1	2,961.1	359.94	0.51
14,850.0	89.80	2.50	12,066.8	3,056.0	0.9	3,056.0	3,056.0	0.02	0.84
14,944.0	89.40	2.80	12,067.5	3,149.9	5.2	3,149.9	3,149.9	0.10	0.53
15,039.0	90.00	3.60	12,068.0	3,244.8	10.6	3,244.7	3,244.8	0.19	1.05
15,134.0	89.50	5.00	12,068.4	3,339.5	17.7	3,339.4	3,339.6	0.30	1.56
15,229.0	89.20	4.90	12,069.5	3,434.2	25.9	3,434.1	3,434.3	0.43	0.33
15,324.0	89.10	4.60	12,070.9	3,528.8	33.7	3,528.7	3,529.0	0.55	0.33
15,419.0	89.70	4.50	12,071.9	3,623.5	41.3	3,623.4	3,623.7	0.65	0.64
15,514.0	90.50	3.90	12,071.7	3,718.3	48.2	3,718.1	3,718.6	0.74	1.05
15,609.0	88.70	1.80	12,072.4	3,813.1	53.0	3,813.0	3,813.5	0.80	2.91
15,704.0	90.50	3.00	12,073.0	3,908.0	56.9	3,907.8	3,908.4	0.83	2.28
15,799.0	92.50	1.30	12,070.6	4,002.9	60.5	4,002.7	4,003.4	0.87	2.76

Stryker Directional

Bebop 36 W1MD State #2H

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Bebob 36 W1MD State #2H
Project:	Eddy County, New Mexico	TVD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Site:	Section 36-25S-31E Bebob W1MD State #2H	MD Reference:	3288 + 25 @ 3313.0usft (Patterson #243)
Well:	Bebop 36 W1MD State #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100usft)
15,893.0	92.30	1.80	12,066.6	4,096.8	63.0	4,096.6	4,097.3	0.88	0.57
15,988.0	90.90	359.10	12,064.0	4,191.8	63.8	4,191.6	4,192.2	0.87	3.20
16,083.0	91.50	0.10	12,062.0	4,286.7	63.1	4,286.5	4,287.2	0.84	1.23
16,178.0	92.00	359.70	12,059.1	4,381.7	63.0	4,381.5	4,382.1	0.82	0.67
16,368.0	93.40	0.50	12,050.1	4,571.5	63.3	4,571.3	4,571.9	0.79	0.85
16,462.0	94.10	2.00	12,044.0	4,665.2	65.3	4,665.0	4,665.7	0.80	1.76
16,501.0	93.80	2.10	12,041.3	4,704.1	66.7	4,703.9	4,704.6	0.81	0.81
16,550.0	93.80	2.10	12,038.0	4,753.0	68.5	4,752.8	4,753.5	0.83	0.00

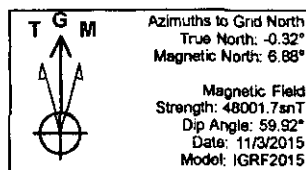
16550' MD Projected to Bit

Survey Annotations

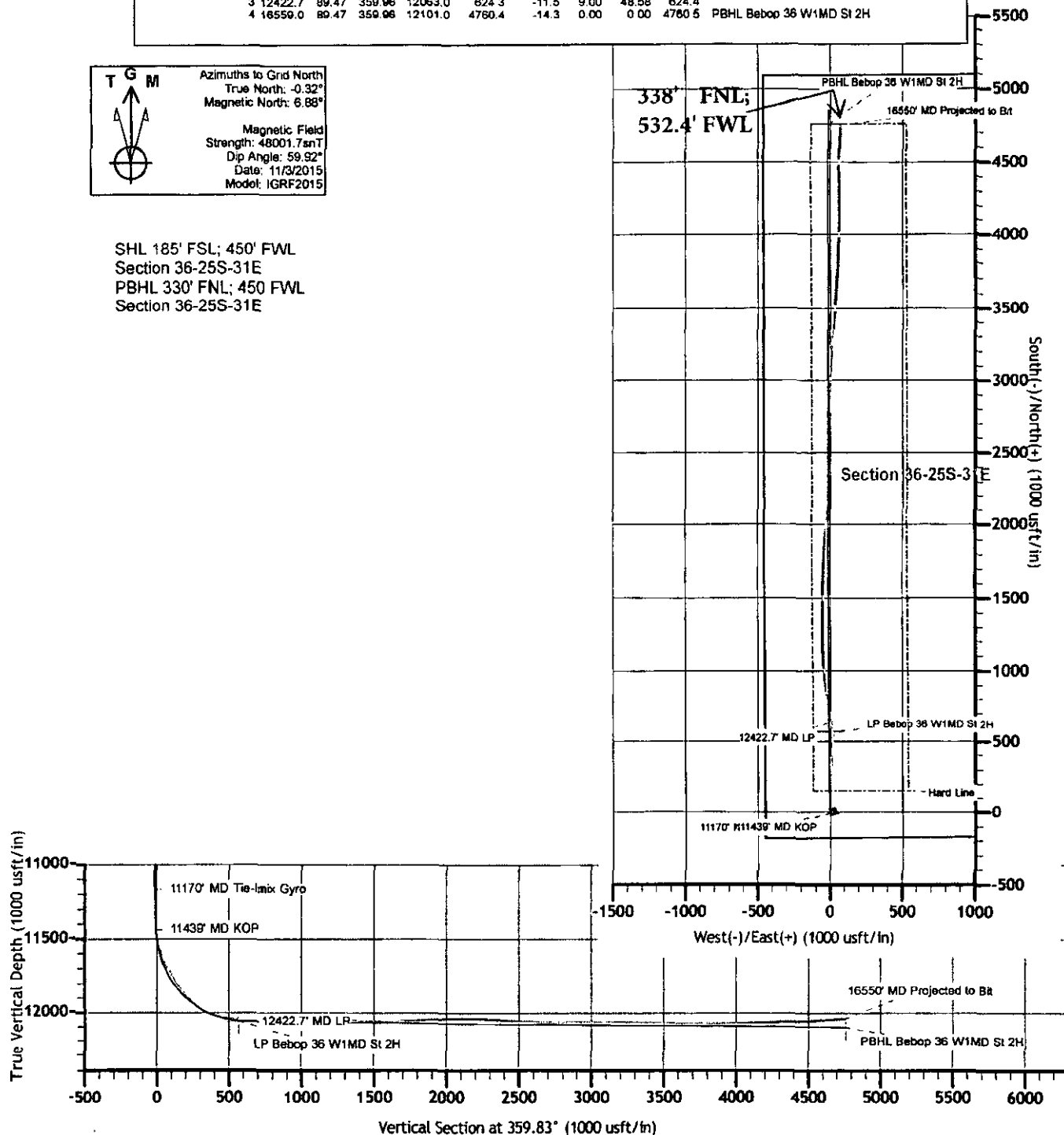
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/S (usft)	+E/W (usft)	Comment
16,550.0	12,038.0	4,753.0	68.5	16550' MD Projected to Bit

GEODETTIC ZONE: New Mexico East 3001						
3288 + 25 @ 3313.0usft (Patterson #243)						
GROUND ELEVATION: 3288.0						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	393296.10	684291.40	32° 4' 47.602 N	103° 44' 17.963 W	

PLAN SECTIONS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dlog	TFace	Vsect	Target	
1	11170.0	1.42	311.40	11188.0	-10.8	5.4	0.00	0.00	-10.8		
2	11439.0	1.42	311.40	11436.9	-6.4	0.4	0.00	0.00	-6.4		
3	12422.7	89.47	359.96	12063.0	624.3	-11.5	9.00	48.58	624.4		
4	16559.0	89.47	359.96	12101.0	4760.4	-14.3	0.00	0.00	4760.5	PBHL Babop 36 W1MD St 2H	



SHL 185' FSL; 450' FWL
Section 36-25S-31E
PBHL 330' FNL; 450' FWL
Section 36-25S-31E





COMPANY: Mewbourne Oil Company
 WELL: Babop 36 W1MD State #2H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)
 RIG: Patterson Patterson #243

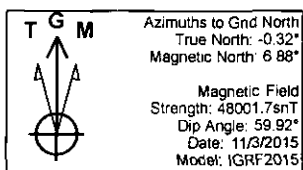


GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.88°

OFFICE: 936.582.7296

GEODETTIC ZONE: New Mexico East 3001						
3288 + 25 @ 3313.0usft (Patterson #243)						
GROUND ELEVATION: 3288.0						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	393296.10	684291.40	32° 4' 47.602 N	103° 44' 17.963 W	

PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	D/deg	TFace	VSeet	Target
1	11170.0	1.42	311.40	11168.0	-10.8	5.4	0.00	0.00	-10.8	
2	11439.0	1.42	311.40	11436.9	-6.4	0.4	0.00	0.00	-6.4	
3	12422.7	89.47	359.96	12063.0	624.3	-11.5	9.00	48.58	624.4	
4	16559.0	89.47	359.96	12101.0	4760.4	-14.3	0.00	0.00	4760.5	PBHL Babop 36 W1MD St 2H



SHL 185' FSL; 450' FWL
 Section 36-25S-31E
 PBHL 330' FNL; 450' FWL
 Section 36-25S-31E

NM OIL CONSERVATION
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