

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

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. 30-025-41124
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. L-5014 & K-5283
3. Address of Operator PO Box 5270, Hobbs NM 88240		7. Lease Name or Unit Agreement Name Mad Dog 26 B3NC State Com
4. Well Location Unit Letter <u>N</u> : <u>150</u> feet from the <u>South</u> line and <u>1800</u> feet from the <u>West</u> line Section <u>26</u> Township <u>23S</u> Range <u>34E</u> NMPM Lea County		8. Well Number <u>1H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3441' GL		9. OGRID Number 14744
10. Pool name or Wildcat Antelope Ridge; Bone Spring 2200		

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 ☒

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.

07/13/14 Frac 3rd Bone Spring Sand from 11774' MD to 15856' MD 120', 381 holes, 0.44" EHD, 60 deg phasing. Frac in 11 stages w/23,375 gals 7 1/2% acid, 3,632,244 gals of SW, carrying 921,885# 100 Mesh sand 820,748# 40/70 sand & 340,288# 40/70 Resin Coated sand. Flowback well for cleanup.

07/16/14 Put well on production.

We are asking for an exemption from tubing at this time.

Spud Date: 04/24/14

Rig Release Date: 06/20/14

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

SIGNATURE Jackie Lathan TITLE Regulatory DATE 08/06/14

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 09/09/14

Conditions of Approval (if any):

SEP 22 2014 [Signature]

Results of Directional Survey

API number:	30-025-41124		
OGRID:		Operator:	MEWBOURNE OIL CO
		Property:	MAD DOG 26 B3NC STATE COM # 1H

surface	ULSTR:	N	26	T	23S	R	34E
				150	FSL	1800	FWL

BH Loc	ULSTR:	C	26	T	23S	R	34E
16030	MD	11398.8	TVD	342	FNL	1708	FWL
				4938	FSL		

Top Perf/OH	ULSTR:	N	26	T	23S	R	34E
11774	MD	11397.3	TVD	687	FSL	1793	FWL

Bot Perf/OH	ULSTR:	C	26	T	23S	R	34E
15856	MD	11397.8	TVD	516	FNL	1700	FWL
				4764	FSL		

	MD	N/S	E/W	VD
	11752	514.70	-8.90	11396.1
TOP PERFS/OH	11774	536.56	-7.41	11397.31
	11783	545.50	-6.80	11397.80
	15805	4563.00	-97.90	11396.80
BOT PERFS/OH	15856	4613.95	-100.42	11397.82
	15900	4657.90	-102.60	11398.70

NEXT TO LAST	15979	4736.90	-104.70	11399.00
LAST READING	16030	4787.90	-105.00	11398.80
TD	16030	4787.90	-105.00	11398.80

Surface Location	150	FS	1800	FW
Projected BHL	4938	FS	1695	FW
Location of				
Top Perfs/OH	687	FS	1793	FW
Bottom Perfs/OH	4764	FS	1700	FW

SUMMARY of Subsurface Locations

Surface Location	N-26-23S-34E	150	FS	1800	FW	Vert. Depth
Top Perfs/OH	N-26-23S-34E	687	FS	1793	FW	11397.31
Bottom Perfs/OH	C-26-23S-34E	4764	FS	1700	FW	11397.82
Projected TD	C-26-23S-34E	4938	FS	1695	FW	11398.80

SEP 22 2014



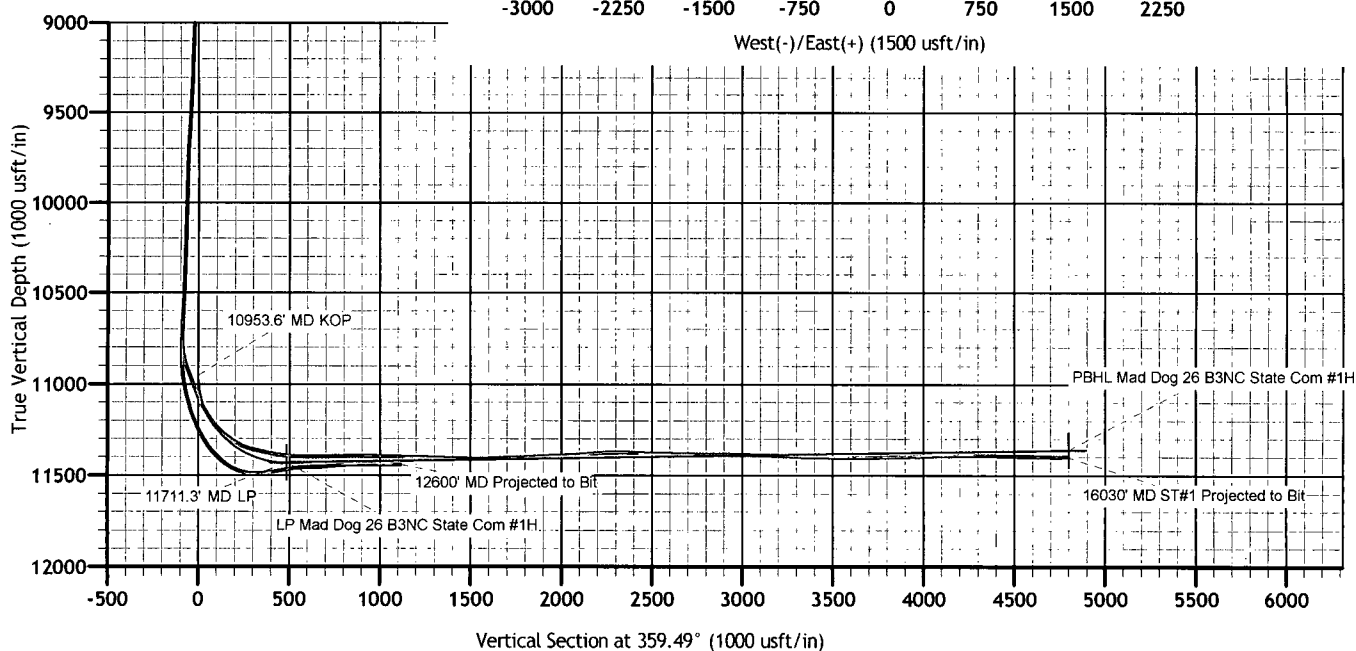
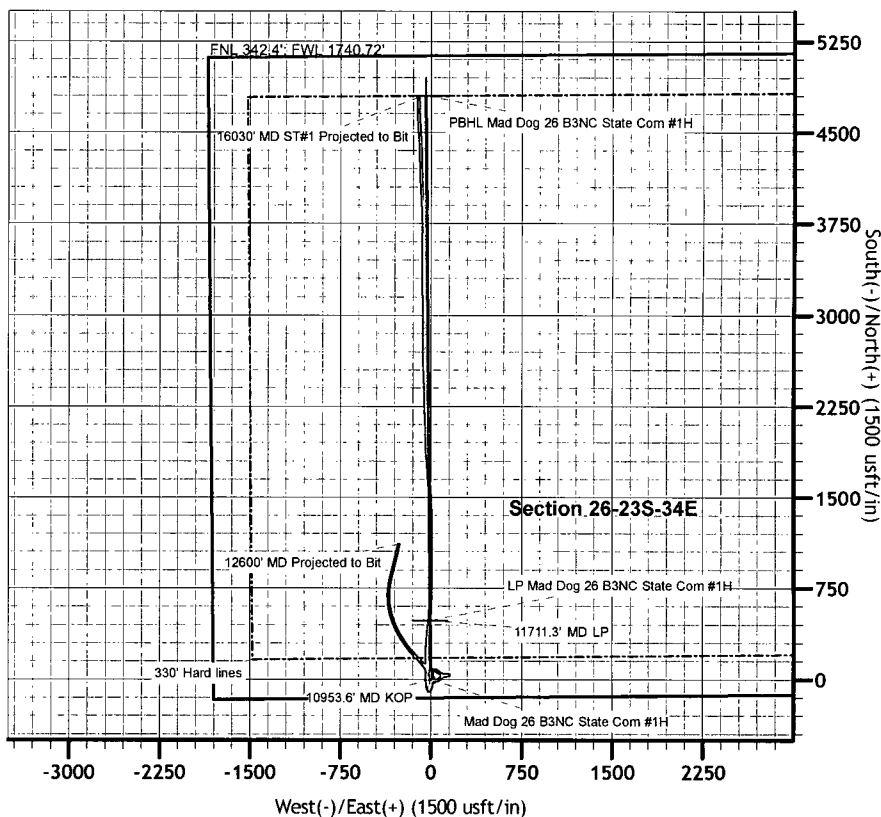
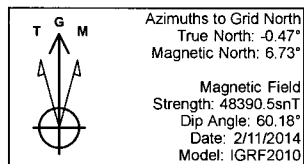
COMPANY: Mewbourne Oil Company
WELL: Mad Dog 26 B3NC State Com #1H
COUNTY: Lea County N. M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson #80



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.73°

OFFICE: 936.582.7296

GEODETIC ZONE: New Mexico Eastern Zone										Slot
GL 3441 + 20 @ 3461.0usft (Patterson #80)										
GROUND ELEVATION: 3441.0										
+N/-S	+E/-W	North	East	Latitude	Longitude					
0.0	0.0	462643.00	816358.00	32° 16' 7.486 N	103° 26' 36.768 W					
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	10953.6	0.00	0.00	10953.6	0.0	0.0	0.00	0.00	0.0	
3	11711.3	90.93	359.49	11431.0	485.2	-4.3	12.00	359.49	485.2	
4	16027.2	90.93	359.49	11361.0	4800.3	-42.8	0.00	0.00	4800.5	PBHL Mad Dog 26 B3NC State Com #1H



HOBBS OCD

AUG 12 2014

RECEIVED

Mewbourne Oil Company .

Lea County N. M. Nad (83)

Section 26-23S-34E Mad Dog 26 B3NC State Com #1H

Mad Dog 26 B3NC State Com #1H

Original Hole

Design: Original Hole

Standard Survey Report

09 July, 2014

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Mad Dog 26 B3NC State Com #1H
Project:	Lea County N. M. Nad (83)	TVD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Site:	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H	MD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Well:	Mad Dog 26 B3NC State Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Project	Lea County N. M. Nad (83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H		
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Site Position:		Northing:	462,643.00 usft	Latitude:	32° 16' 7.486 N
From:	Map	Easting:	816,358.00 usft	Longitude:	103° 26' 36.768 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.48 °

Well	Mad Dog 26 B3NC State Com #1H				
Well Position	+N/-S	0.0 usft	Northing:	462,643.00 usft	Latitude: 32° 16' 7.486 N
	+E/-W	0.0 usft	Easting:	816,358.00 usft	Longitude: 103° 26' 36.768 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level: 3,441.0 usft

Wellbore	Original Hole				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/11/2014	7.20	60.18	48,391

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	359.49

Survey Program		Date 7/9/2014			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
834.0	10,764.0	Survey #1 (Original Hole)	MWD	MWD v3:standard declination	
10,803.0	16,030.0	ST #1Survey (Original Hole)	MWD	MWD v3:standard declination	

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)
745.0	1.13	0.87	744.9	13.4	-1.9	13.5	0.00	0.00	0.00
834.0	1.10	358.10	833.9	15.2	-1.9	15.2	0.07	-0.03	-3.11
923.0	1.00	4.60	922.8	16.8	-1.9	16.8	0.17	-0.11	7.30
1,018.0	1.10	30.10	1,017.8	18.4	-1.3	18.4	0.50	0.11	26.84
1,113.0	1.40	35.20	1,112.8	20.2	-0.2	20.2	0.34	0.32	5.37
1,208.0	1.30	34.90	1,207.8	22.0	1.1	22.0	0.11	-0.11	-0.32
1,303.0	1.80	48.00	1,302.7	23.9	2.8	23.9	0.64	0.53	13.79
1,399.0	1.90	43.10	1,398.7	26.0	5.0	26.0	0.19	0.10	-5.10
1,494.0	2.30	44.50	1,493.6	28.6	7.4	28.5	0.42	0.42	1.47

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Mad Dog 26 B3NC State Com #1H
Project:	Lea County N. M. Nad (83)	TVD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Site:	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H	MD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Well:	Mad Dog 26 B3NC State Com #1H	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)	
1,589.0	3.00	42.80	1,588.5	31.7	10.4	31.6	0.74	0.74	-1.79	
1,684.0	1.60	0.90	1,683.4	34.9	12.2	34.8	2.21	-1.47	-44.11	
1,779.0	1.80	341.10	1,778.4	37.6	11.7	37.5	0.65	0.21	-20.84	
1,875.0	2.40	343.50	1,874.3	41.0	10.6	40.9	0.63	0.63	2.50	
1,970.0	3.20	355.30	1,969.2	45.5	9.9	45.4	1.03	0.84	12.42	
2,065.0	3.50	353.70	2,064.1	51.1	9.3	51.0	0.33	0.32	-1.68	
2,160.0	4.50	359.90	2,158.8	57.7	9.0	57.6	1.15	1.05	6.53	
2,256.0	3.30	15.70	2,254.6	64.1	9.7	64.0	1.67	-1.25	16.46	
2,351.0	1.10	42.80	2,349.5	67.4	11.1	67.3	2.50	-2.32	28.53	
2,446.0	0.60	60.00	2,444.5	68.3	12.1	68.2	0.59	-0.53	18.11	
2,542.0	1.00	68.30	2,540.5	68.9	13.4	68.8	0.43	0.42	8.65	
2,637.0	1.10	56.80	2,635.5	69.7	14.9	69.5	0.24	0.11	-12.11	
2,732.0	1.60	58.20	2,730.5	70.9	16.8	70.7	0.53	0.53	1.47	
2,827.0	2.00	56.70	2,825.4	72.5	19.3	72.3	0.42	0.42	-1.58	
2,922.0	2.70	61.90	2,920.4	74.5	22.7	74.2	0.77	0.74	5.47	
3,017.0	3.30	66.70	3,015.2	76.6	27.1	76.3	0.68	0.63	5.05	
3,113.0	3.20	95.10	3,111.1	77.4	32.3	77.1	1.66	-0.10	29.58	
3,208.0	3.20	104.80	3,205.9	76.5	37.5	76.2	0.57	0.00	10.21	
3,304.0	3.40	99.90	3,301.8	75.4	42.9	75.0	0.36	0.21	-5.10	
3,399.0	3.40	117.30	3,396.6	73.6	48.2	73.1	1.08	0.00	18.32	
3,494.0	3.80	127.80	3,491.4	70.4	53.2	69.9	0.81	0.42	11.05	
3,589.0	4.20	139.80	3,586.2	65.8	57.9	65.3	0.97	0.42	12.63	
3,684.0	4.70	138.90	3,680.9	60.2	62.7	59.6	0.53	0.53	-0.95	
3,780.0	3.30	139.40	3,776.7	55.1	67.1	54.5	1.46	-1.46	0.52	
3,875.0	3.80	120.60	3,871.5	51.4	71.6	50.8	1.33	0.53	-19.79	
3,970.0	5.80	110.40	3,966.1	48.2	78.8	47.5	2.28	2.11	-10.74	
4,065.0	2.70	121.00	4,060.9	45.3	85.3	44.6	3.35	-3.26	11.16	
4,160.0	0.70	146.70	4,155.8	43.7	87.5	42.9	2.20	-2.11	27.05	
4,256.0	1.80	97.80	4,251.8	43.0	89.3	42.2	1.50	1.15	-50.94	
4,351.0	4.40	90.20	4,346.7	42.8	94.4	41.9	2.76	2.74	-8.00	
4,447.0	6.20	118.00	4,442.3	40.3	102.7	39.4	3.21	1.88	28.96	
4,543.0	5.40	138.90	4,537.8	34.5	110.2	33.5	2.34	-0.83	21.77	
4,638.0	3.10	106.90	4,632.5	30.4	115.6	29.4	3.39	-2.42	-33.68	
4,733.0	4.90	84.20	4,727.3	30.0	122.1	29.0	2.49	1.89	-23.89	
4,835.0	6.80	80.40	4,828.8	31.5	132.4	30.3	1.90	1.86	-3.73	
4,921.0	6.60	79.30	4,914.2	33.3	142.3	32.0	0.28	-0.23	-1.28	
5,016.0	2.80	86.20	5,008.8	34.4	150.0	33.1	4.04	-4.00	7.26	
5,112.0	0.40	102.20	5,104.8	34.5	152.6	33.2	2.52	-2.50	16.67	
5,208.0	0.50	246.30	5,200.8	34.3	152.6	32.9	0.89	0.10	150.10	
5,303.0	0.70	281.10	5,295.8	34.2	151.6	32.9	0.43	0.21	36.63	
5,398.0	0.50	292.60	5,390.8	34.5	150.7	33.2	0.24	-0.21	12.11	
5,494.0	0.40	281.70	5,486.8	34.7	150.0	33.4	0.14	-0.10	-11.35	

Stryker Directional Survey Report

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Site:	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H	MD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Well:	Mad Dog 26 B3NC State Com #1H	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)
5,589.0	0.40	262.70	5,581.8	34.7	149.3	33.4	0.14	0.00	-20.00
5,684.0	0.50	267.60	5,676.8	34.7	148.6	33.4	0.11	0.11	5.16
5,779.0	0.60	278.30	5,771.8	34.7	147.7	33.4	0.15	0.11	11.26
5,875.0	0.70	294.50	5,867.8	35.1	146.6	33.8	0.22	0.10	16.88
5,971.0	0.80	287.80	5,963.8	35.5	145.5	34.2	0.14	0.10	-6.98
6,066.0	1.10	303.40	6,058.7	36.2	144.1	34.9	0.41	0.32	16.42
6,161.0	1.50	304.20	6,153.7	37.4	142.3	36.1	0.42	0.42	0.84
6,256.0	1.60	307.50	6,248.7	38.9	140.2	37.7	0.14	0.11	3.47
6,351.0	2.10	291.50	6,343.6	40.4	137.5	39.1	0.75	0.53	-16.84
6,446.0	2.20	261.30	6,438.6	40.7	134.1	39.5	1.18	0.11	-31.79
6,542.0	2.30	256.50	6,534.5	40.0	130.4	38.8	0.22	0.10	-5.00
6,637.0	2.40	258.60	6,629.4	39.2	126.6	38.0	0.14	0.11	2.21
6,732.0	2.40	259.00	6,724.3	38.4	122.7	37.3	0.02	0.00	0.42
6,827.0	2.90	251.80	6,819.2	37.3	118.5	36.2	0.63	0.53	-7.58
6,923.0	3.10	251.90	6,915.1	35.7	113.7	34.7	0.21	0.21	0.10
7,018.0	3.40	234.00	7,009.9	33.2	109.0	32.3	1.11	0.32	-18.84
7,114.0	4.00	229.10	7,105.7	29.4	104.1	28.4	0.71	0.63	-5.10
7,209.0	4.00	228.90	7,200.5	25.0	99.1	24.1	0.01	0.00	-0.21
7,304.0	4.20	229.10	7,295.3	20.6	94.0	19.7	0.21	0.21	0.21
7,399.0	4.00	225.40	7,390.0	16.0	89.0	15.2	0.35	-0.21	-3.89
7,494.0	3.90	229.40	7,484.8	11.5	84.2	10.8	0.31	-0.11	4.21
7,590.0	3.30	240.30	7,580.6	8.0	79.3	7.3	0.95	-0.63	11.35
7,685.0	2.90	235.10	7,675.5	5.3	75.0	4.6	0.51	-0.42	-5.47
7,779.0	2.60	232.40	7,769.4	2.6	71.4	2.0	0.35	-0.32	-2.87
7,874.0	2.60	236.80	7,864.3	0.2	67.8	-0.4	0.21	0.00	4.63
7,970.0	2.30	237.50	7,960.2	-2.1	64.4	-2.6	0.31	-0.31	0.73
8,066.0	2.10	249.70	8,056.1	-3.7	61.1	-4.3	0.53	-0.21	12.71
8,161.0	2.00	256.30	8,151.0	-4.7	57.9	-5.2	0.27	-0.11	6.95
8,256.0	2.10	265.70	8,246.0	-5.2	54.5	-5.7	0.37	0.11	9.89
8,351.0	2.60	272.50	8,340.9	-5.3	50.6	-5.7	0.60	0.53	7.16
8,446.0	2.60	268.10	8,435.8	-5.3	46.3	-5.7	0.21	0.00	-4.63
8,541.0	3.20	237.50	8,530.7	-6.7	41.9	-7.1	1.72	0.63	-32.21
8,635.0	3.40	235.00	8,624.5	-9.8	37.5	-10.1	0.26	0.21	-2.66
8,731.0	3.40	237.20	8,720.4	-12.9	32.7	-13.2	0.14	0.00	2.29
8,827.0	3.40	235.60	8,816.2	-16.1	28.0	-16.3	0.10	0.00	-1.67
8,922.0	3.00	236.80	8,911.1	-19.0	23.6	-19.2	0.43	-0.42	1.26
9,017.0	3.20	237.20	9,005.9	-21.8	19.3	-22.0	0.21	0.21	0.42
9,113.0	3.00	224.90	9,101.8	-25.1	15.2	-25.2	0.72	-0.21	-12.81
9,208.0	2.90	212.00	9,196.6	-28.9	12.2	-29.0	0.71	-0.11	-13.58
9,242.0	2.70	209.40	9,230.6	-30.3	11.4	-30.4	0.70	-0.59	-7.65
9,337.0	3.10	204.10	9,325.5	-34.6	9.2	-34.7	0.51	0.42	-5.58
9,432.0	3.30	201.00	9,420.3	-39.5	7.2	-39.5	0.28	0.21	-3.26
9,528.0	3.50	205.20	9,516.2	-44.7	5.0	-44.8	0.33	0.21	4.38

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Mad Dog 26 B3NC State Com #1H
Project:	Lea County N. M. Nad (83)	TVD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Site:	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H	MD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Well:	Mad Dog 26 B3NC State Com #1H	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)
9,623.0	4.40	212.40	9,610.9	-50.4	1.8	-50.4	1.08	0.95	7.58
9,719.0	4.50	218.70	9,706.7	-56.5	-2.6	-56.4	0.52	0.10	6.56
9,813.0	2.20	234.00	9,800.5	-60.4	-6.3	-60.3	2.60	-2.45	16.28
9,908.0	2.00	235.10	9,895.4	-62.4	-9.2	-62.3	0.21	-0.21	1.16
10,004.0	2.00	229.40	9,991.4	-64.5	-11.8	-64.4	0.21	0.00	-5.94
10,099.0	1.70	199.90	10,086.3	-66.9	-13.5	-66.7	1.04	-0.32	-31.05
10,193.0	1.40	190.90	10,180.3	-69.3	-14.2	-69.2	0.41	-0.32	-9.57
10,288.0	1.80	188.00	10,275.2	-71.9	-14.7	-71.8	0.43	0.42	-3.05
10,383.0	1.90	188.80	10,370.2	-75.0	-15.1	-74.8	0.11	0.11	0.84
10,478.0	2.30	188.80	10,465.1	-78.4	-15.6	-78.3	0.42	0.42	0.00
10,573.0	2.30	173.50	10,560.1	-82.2	-15.7	-82.0	0.64	0.00	-16.11
10,669.0	2.30	174.60	10,656.0	-86.0	-15.3	-85.9	0.05	0.00	1.15
10,764.0	2.20	175.80	10,750.9	-89.7	-15.0	-89.6	0.12	-0.11	1.26
10,835.0	8.10	330.90	10,821.7	-86.7	-17.3	-86.6	14.28	8.31	218.45
10,867.0	14.70	334.70	10,853.1	-81.1	-20.2	-80.9	20.75	20.63	11.88
10,899.0	17.50	346.00	10,883.8	-72.7	-23.1	-72.5	13.09	8.75	35.31
10,930.0	20.70	351.60	10,913.1	-62.8	-25.0	-62.5	11.88	10.32	18.06
10,962.0	23.60	350.20	10,942.7	-50.9	-26.9	-50.6	9.21	9.06	-4.38
10,993.0	22.10	353.40	10,971.3	-39.0	-28.7	-38.7	6.28	-4.84	10.32
11,025.0	20.70	355.70	11,001.1	-27.3	-29.8	-27.1	5.10	-4.38	7.19
11,057.0	20.10	358.80	11,031.1	-16.2	-30.3	-15.9	3.86	-1.88	9.69
11,088.0	21.30	355.50	11,060.1	-5.3	-30.9	-5.0	5.40	3.87	-10.65
11,120.0	24.70	355.80	11,089.5	7.2	-31.8	7.5	10.63	10.63	0.94
11,152.0	28.00	355.80	11,118.2	21.4	-32.9	21.7	10.31	10.31	0.00
11,183.0	31.70	357.90	11,145.1	36.8	-33.7	37.1	12.40	11.94	6.77
11,215.0	33.20	1.60	11,172.1	53.9	-33.7	54.2	7.77	4.69	11.56
11,247.0	34.10	4.40	11,198.7	71.6	-32.8	71.9	5.60	2.81	8.75
11,278.0	38.70	1.60	11,223.7	90.0	-31.9	90.3	15.77	14.84	-9.03
11,310.0	43.50	357.80	11,247.8	111.0	-32.0	111.3	16.90	15.00	-11.88
11,342.0	48.10	358.50	11,270.1	133.9	-32.8	134.2	14.46	14.38	2.19
11,373.0	53.50	358.80	11,289.7	158.0	-33.3	158.2	17.44	17.42	0.97
11,405.0	56.10	359.20	11,308.1	184.1	-33.8	184.4	8.19	8.13	1.25
11,436.0	58.70	0.20	11,324.8	210.2	-33.9	210.5	8.82	8.39	3.23
11,468.0	65.20	3.40	11,339.9	238.4	-33.0	238.7	22.14	20.31	10.00
11,498.0	72.80	5.30	11,350.6	266.3	-30.9	266.6	26.01	25.33	6.33
11,530.0	75.90	5.50	11,359.3	297.0	-28.0	297.2	9.71	9.69	0.63
11,562.0	76.90	5.50	11,366.8	328.0	-25.0	328.2	3.13	3.13	0.00
11,593.0	77.70	5.00	11,373.6	358.1	-22.2	358.2	3.02	2.58	-1.61
11,625.0	78.30	5.50	11,380.3	389.2	-19.3	389.4	2.42	1.88	1.56
11,657.0	79.70	4.60	11,386.4	420.5	-16.6	420.7	5.17	4.38	-2.81
11,689.0	83.60	4.80	11,391.0	452.1	-14.0	452.2	12.20	12.19	0.63
11,720.0	85.60	5.00	11,393.9	482.8	-11.4	482.9	6.48	6.45	0.65

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Mad Dog 26 B3NC State Com #1H
Project:	Lea County N. M. Nad (83)	TVD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Site:	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H	MD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Well:	Mad Dog 26 B3NC State Com #1H	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)
11,752.0	86.70	3.90	11,396.1	514.7	-8.9	514.7	4.86	3.44	-3.44
11,783.0	86.90	3.70	11,397.8	545.5	-6.8	545.6	0.91	0.65	-0.65
11,815.0	89.20	2.90	11,398.9	577.5	-5.0	577.5	7.61	7.19	-2.50
11,910.0	90.70	1.50	11,399.0	672.4	-1.3	672.4	2.16	1.58	-1.47
12,005.0	91.50	0.40	11,397.1	767.4	0.2	767.3	1.43	0.84	-1.16
12,100.0	91.00	0.80	11,395.1	862.3	1.2	862.3	0.67	-0.53	0.42
12,132.0	91.50	0.40	11,394.4	894.3	1.6	894.3	2.00	1.56	-1.25
12,163.0	88.60	0.90	11,394.3	925.3	1.9	925.3	9.49	-9.35	1.61
12,195.0	87.80	0.90	11,395.4	957.3	2.4	957.2	2.50	-2.50	0.00
12,227.0	88.60	0.60	11,396.4	989.3	2.8	989.2	2.67	2.50	-0.94
12,258.0	88.80	0.40	11,397.1	1,020.3	3.1	1,020.2	0.91	0.65	-0.65
12,290.0	88.80	0.40	11,397.7	1,052.3	3.3	1,052.2	0.00	0.00	0.00
12,322.0	88.50	0.10	11,398.5	1,084.2	3.5	1,084.2	1.33	-0.94	-0.94
12,385.0	88.50	359.70	11,400.1	1,147.2	3.4	1,147.1	0.63	0.00	-0.63
12,480.0	88.50	358.80	11,402.6	1,242.2	2.1	1,242.1	0.95	0.00	-0.95
12,575.0	88.30	358.80	11,405.3	1,337.1	0.1	1,337.1	0.21	-0.21	0.00
12,600.0	88.12	358.38	11,406.1	1,362.1	-0.5	1,362.1	1.84	-0.74	-1.68
12600' MD Projected to Bit									
12,670.0	87.60	357.20	11,408.7	1,432.0	-3.2	1,432.0	1.84	-0.74	-1.68
12,765.0	92.00	357.10	11,409.0	1,526.9	-7.9	1,526.9	4.63	4.63	-0.11
12,860.0	90.50	355.70	11,406.9	1,621.6	-13.9	1,621.7	2.16	-1.58	-1.47
12,955.0	90.40	355.70	11,406.2	1,716.4	-21.0	1,716.5	0.11	-0.11	0.00
13,050.0	93.60	355.30	11,402.9	1,811.0	-28.4	1,811.2	3.39	3.37	-0.42
13,145.0	93.10	358.30	11,397.3	1,905.7	-33.7	1,905.9	3.20	-0.53	3.16
13,240.0	92.10	359.00	11,393.0	2,000.6	-36.0	2,000.8	1.28	-1.05	0.74
13,335.0	94.10	359.00	11,387.9	2,095.4	-37.6	2,095.7	2.11	2.11	0.00
13,367.0	94.60	358.50	11,385.4	2,127.3	-38.3	2,127.6	2.21	1.56	-1.56
13,398.0	95.50	357.60	11,382.7	2,158.2	-39.4	2,158.4	4.10	2.90	-2.90
13,430.0	94.40	357.20	11,380.0	2,190.0	-40.8	2,190.3	3.66	-3.44	-1.25
13,462.0	92.90	356.90	11,377.9	2,221.9	-42.5	2,222.2	4.78	-4.69	-0.94
13,493.0	91.40	358.30	11,376.8	2,252.9	-43.8	2,253.2	6.62	-4.84	4.52
13,525.0	90.50	358.80	11,376.2	2,284.8	-44.6	2,285.1	3.22	-2.81	1.56
13,556.0	89.30	358.30	11,376.3	2,315.8	-45.3	2,316.1	4.19	-3.87	-1.61
13,588.0	89.10	357.90	11,376.7	2,347.8	-46.4	2,348.1	1.40	-0.63	-1.25
13,620.0	88.70	357.80	11,377.3	2,379.8	-47.6	2,380.1	1.29	-1.25	-0.31
13,715.0	88.50	358.30	11,379.7	2,474.7	-50.8	2,475.1	0.57	-0.21	0.53
13,810.0	88.50	357.80	11,382.1	2,569.6	-54.1	2,570.0	0.53	0.00	-0.53
13,905.0	88.10	358.30	11,385.0	2,664.5	-57.3	2,664.9	0.67	-0.42	0.53
14,000.0	90.20	0.90	11,386.4	2,759.5	-58.0	2,759.9	3.52	2.21	2.74
14,095.0	89.50	0.20	11,386.6	2,854.5	-57.1	2,854.9	1.04	-0.74	-0.74
14,190.0	89.00	359.90	11,387.9	2,949.5	-57.0	2,949.9	0.61	-0.53	-0.32
14,284.0	89.00	359.00	11,389.5	3,043.5	-57.9	3,043.8	0.96	0.00	-0.96
14,379.0	88.50	359.20	11,391.6	3,138.4	-59.4	3,138.8	0.57	-0.53	0.21

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Mad Dog 26 B3NC State Com #1H
Project:	Lea County N. M. Nad (83)	TVD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Site:	Section 26-23S-34E Mad Dog 26 B3NC State Com #1H	MD Reference:	GL 3441 + 20 @ 3461.0usft (Patterson #80)
Well:	Mad Dog 26 B3NC State Com #1H	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)	
14,474.0	87.80	359.20	11,394.6	3,233.4	-60.7	3,233.8	0.74	-0.74	0.00	
14,569.0	88.20	359.20	11,398.0	3,328.3	-62.0	3,328.7	0.42	0.42	0.00	
14,664.0	88.10	359.70	11,401.0	3,423.2	-62.9	3,423.7	0.54	-0.11	0.53	
14,759.0	89.70	0.90	11,402.9	3,518.2	-62.4	3,518.6	2.11	1.68	1.26	
14,854.0	90.70	0.90	11,402.5	3,613.2	-60.9	3,613.6	1.05	1.05	0.00	
14,950.0	90.60	359.20	11,401.4	3,709.2	-60.9	3,709.6	1.77	-0.10	-1.77	
15,045.0	91.70	358.50	11,399.5	3,804.1	-62.8	3,804.6	1.37	1.16	-0.74	
15,139.0	90.80	356.00	11,397.5	3,898.0	-67.3	3,898.5	2.83	-0.96	-2.66	
15,234.0	90.70	356.50	11,396.2	3,992.8	-73.5	3,993.3	0.54	-0.11	0.53	
15,329.0	91.00	357.60	11,394.8	4,087.7	-78.4	4,088.2	1.20	0.32	1.16	
15,424.0	91.00	358.50	11,393.2	4,182.6	-81.6	4,183.1	0.95	0.00	0.95	
15,519.0	91.30	359.70	11,391.3	4,277.6	-83.1	4,278.1	1.30	0.32	1.26	
15,614.0	88.00	356.90	11,391.8	4,372.5	-85.9	4,373.1	4.56	-3.47	-2.95	
15,710.0	88.80	356.00	11,394.5	4,468.3	-91.9	4,468.9	1.25	0.83	-0.94	
15,805.0	88.40	356.70	11,396.8	4,563.0	-97.9	4,563.7	0.85	-0.42	0.74	
15,900.0	89.30	357.60	11,398.7	4,657.9	-102.6	4,658.6	1.34	0.95	0.95	
15,979.0	90.30	359.40	11,399.0	4,736.9	-104.7	4,737.6	2.61	1.27	2.28	
16,030.0	90.30	0.00	11,398.8	4,787.9	-105.0	4,788.6	1.18	0.00	1.18	

16030' MD ST#1 Projected to Bit

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
12,600.0	11,406.1	1,362.1	-0.5	12600' MD Projected to Bit	
16,030.0	11,398.8	4,787.9	-105.0	16030' MD ST#1 Projected to Bit	