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AUG 21 2018

DISTRICT II-ARTESIA O.C.D.

August 16, 2018

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
Gobbler 5 B2AD State #1H
Palmillo; Bone Spring East
Eddy County, New Mexico
API# 30-015-44664

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>
David Calbrese	Original Hole	451ft. to 12,528ft.	03-28-18 to 04-9-18	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.


Eric 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\Gobbler 5 B2AD State #001H\M181038

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



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DISTRICT II-ARTESIA O.C.D.

May 6, 2018

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of March 28, 2018, through April 9, 2018 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 451 feet to a depth of 12,528 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 Gobbler 5 B2AD State #1H well, API # **30-015-44664** 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.

Eric Estes

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Montgomery, TX 77356

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Microsoft
MWD Surveys



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 5-188-28E Gobbler 5 B2AD State #1H
Well: Gobbler 5 B2AD State #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Gobbler 5 B2AD State #1H
TVD Reference: 3411GL + 27 KB @ 3438.0usft (Patterson 250)
MD Reference: 3411GL + 27 KB @ 3438.0usft (Patterson 260)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Project	Eddy 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 5-188-28E Gobbler 5 B2AD State #1H

Site Position:		Northing:	616,288.40 usft	Latitude:	32° 41' 38.433 N
From:	Map	Easting:	616,604.50 usft	Longitude:	104° 5' 20.370 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.13 °

Well Gobbler 5 B2AD State #1H

Well Position	+N/-S	0.0 usft	Northing:	616,288.40 usft	Latitude:	32° 41' 38.433 N
	+E/-W	0.0 usft	Easting:	616,604.50 usft	Longitude:	104° 5' 20.370 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	27.0 usft	Ground Level:	3,411.0 usft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/7/2018	7.15	60.40	48,087.03522993

Design Original Hole

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	135.89

Survey Program Date 8/15/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
451.0	12,800.0	MWD Survey (Original Hole)	MWD	MWD v3:standard declination



Microsoft
MWD Surveys



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (63)
Site: Section 5-19S-28E Gobbler 5 B2AD State #1H
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Wellbore: Original Hole
Design: Original Hole

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Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
377.0	0.83	202.58	377.0	3,061.0	-0.4	0.4	0.8	135.69	Tie-In
451.0	2.50	223.30	451.0	2,887.0	-2.0	-0.9	2.1	203.41	
512.0	2.80	226.60	511.9	2,928.1	-4.0	-2.8	4.9	215.71	
573.0	1.80	238.30	572.9	2,865.1	-5.5	-4.8	7.3	220.97	
633.0	1.50	263.00	632.8	2,805.2	-8.1	-6.4	8.9	226.28	
694.0	0.30	303.20	693.8	2,744.2	-8.1	-7.3	9.6	230.07	
754.0	1.40	70.30	753.8	2,684.2	-5.8	-6.8	8.9	229.41	
815.0	1.80	67.40	814.8	2,623.2	-5.2	-5.2	7.3	225.03	
876.0	1.00	38.70	875.8	2,562.2	-4.4	-4.0	5.9	222.08	
937.0	0.90	327.50	936.8	2,501.2	-3.6	-3.9	5.3	227.41	
998.0	1.00	301.00	997.8	2,440.2	-2.9	-4.6	5.5	237.77	
1,059.0	1.10	299.70	1,058.7	2,378.3	-2.3	-5.6	6.1	247.75	
1,108.0	1.30	305.20	1,107.7	2,333.3	-1.8	-6.4	6.8	253.96	
1,163.0	1.50	307.00	1,162.7	2,275.3	-1.0	-7.5	7.8	262.44	
1,226.0	2.00	336.90	1,225.7	2,212.3	0.5	-8.6	8.6	273.37	
1,290.0	2.80	350.40	1,289.6	2,148.4	3.1	-9.3	9.8	288.27	
1,353.0	3.50	358.70	1,352.5	2,085.5	6.5	-9.6	11.6	304.11	
1,417.0	3.80	358.40	1,416.4	2,021.6	10.6	-9.7	14.4	317.44	
1,480.0	3.70	6.10	1,478.3	1,958.7	14.7	-9.6	17.5	328.94	
1,543.0	3.30	6.80	1,542.2	1,895.8	18.5	-9.1	20.6	333.89	
1,607.0	3.70	24.20	1,606.0	1,832.0	22.2	-7.9	23.6	340.32	
1,670.0	4.10	36.00	1,668.9	1,769.1	25.9	-5.8	26.6	347.34	
1,734.0	3.90	36.80	1,732.7	1,705.3	29.5	-3.2	29.7	353.80	
1,797.0	4.00	35.60	1,795.6	1,642.4	33.0	-0.7	33.0	358.67	
1,823.0	3.60	34.30	1,821.3	1,516.7	39.9	4.1	40.1	5.92	
1,886.0	3.50	34.40	1,884.2	1,453.8	43.1	6.3	43.6	8.36	
2,082.0	3.50	32.40	2,080.0	1,358.0	48.0	9.6	48.9	11.27	



Microsoft
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MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
2,178.0	3.60	32.70	2,173.8	1,284.2	62.9	12.7	54.4	13.49
2,289.0	3.60	29.50	2,266.8	1,171.4	67.9	15.7	60.0	15.18
2,362.0	3.40	29.10	2,356.5	1,078.5	62.9	18.5	65.5	16.38
2,466.0	4.30	40.70	2,453.3	984.7	68.0	22.1	71.5	18.05
2,549.0	4.30	41.70	2,546.0	892.0	73.2	26.7	77.9	20.06
2,642.0	4.30	41.60	2,638.7	799.3	78.4	31.4	84.5	21.80
2,735.0	4.00	41.90	2,731.5	706.8	83.4	35.8	90.8	23.25
2,829.0	4.20	41.60	2,826.3	612.7	88.5	40.3	97.2	24.51
2,923.0	3.90	39.70	2,919.0	519.0	93.5	44.7	103.6	25.53
3,016.0	4.00	43.50	3,011.8	426.2	98.3	48.9	109.8	26.46
3,110.0	3.80	44.80	3,105.6	332.4	102.9	53.4	115.9	27.42
3,203.0	3.40	34.50	3,198.4	239.6	107.3	57.1	121.6	28.01
3,297.0	3.70	29.60	3,292.2	145.8	112.3	60.2	127.4	28.19
3,390.0	3.60	28.50	3,385.0	53.0	117.4	63.0	133.3	28.23
3,484.0	3.50	28.90	3,478.8	-40.8	122.5	65.8	139.1	28.25
3,577.0	3.60	30.80	3,571.7	-133.7	127.5	68.7	144.9	28.31
3,671.0	3.50	32.60	3,665.5	-227.5	132.5	71.8	150.7	28.44
3,764.0	3.20	28.80	3,758.3	-320.3	137.2	74.5	156.1	28.52
3,858.0	3.70	24.20	3,852.2	-414.2	142.2	77.0	161.7	28.44
3,951.0	3.60	17.70	3,945.0	-507.0	147.7	79.1	167.5	28.19
4,043.0	3.40	33.80	4,036.8	-598.8	152.6	81.5	173.0	28.11
4,137.0	2.90	28.80	4,130.7	-692.7	157.0	84.2	178.2	28.21
4,230.0	3.00	23.60	4,223.5	-785.5	161.3	86.3	182.9	28.15
4,324.0	3.60	38.80	4,317.4	-879.4	165.8	89.2	188.3	28.26
4,417.0	3.00	37.20	4,410.2	-972.2	170.1	92.5	193.6	28.53
4,510.0	2.50	23.60	4,503.1	-1,065.1	173.9	94.7	198.0	28.59
4,604.0	3.50	44.00	4,597.0	-1,158.0	177.8	97.8	202.8	28.75



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4,697.0	4.00	34.70	4,688.8	-1,251.8	182.5	101.4	208.8	29.05
4,791.0	4.00	27.90	4,783.6	-1,345.6	188.1	104.8	215.3	29.12
4,884.0	3.90	40.30	4,876.4	-1,438.4	193.4	108.3	221.7	29.26
4,977.0	3.60	39.30	4,969.2	-1,531.2	198.0	112.2	227.6	29.54
5,070.0	3.60	44.70	5,062.0	-1,624.0	202.3	118.0	233.2	29.84
5,164.0	3.10	42.00	5,155.8	-1,717.8	206.2	119.8	238.5	30.15
5,257.0	3.30	29.80	5,248.7	-1,810.7	210.4	122.8	243.7	30.27
5,351.0	3.80	24.30	5,342.5	-1,904.5	215.6	125.4	249.5	30.19
5,445.0	3.80	23.00	5,436.3	-1,998.3	221.3	127.9	255.6	30.03
5,538.0	3.70	22.80	5,529.1	-2,091.1	226.9	130.3	261.7	29.87
5,632.0	3.40	24.50	5,622.9	-2,184.9	232.3	132.6	267.5	29.73
5,723.0	3.30	35.20	5,713.8	-2,275.8	236.9	135.3	272.8	29.73
5,817.0	4.60	24.30	5,807.5	-2,369.5	242.5	138.4	279.2	29.71
5,910.0	4.30	21.30	5,900.3	-2,462.3	249.2	141.2	286.4	29.54
6,003.0	3.70	19.70	5,993.0	-2,555.0	255.2	143.5	292.8	29.34
6,097.0	4.20	23.70	6,086.8	-2,648.8	261.2	145.9	299.2	29.18
6,190.0	4.30	21.90	6,179.6	-2,741.6	267.6	148.5	306.0	29.03
6,283.0	4.00	34.00	6,272.3	-2,834.3	273.5	151.8	312.7	29.01
6,377.0	4.00	34.00	6,366.1	-2,928.1	278.9	155.3	319.3	29.11
6,470.0	4.00	36.70	6,458.9	-3,020.9	284.2	159.1	325.7	29.23
6,563.0	3.70	37.20	6,551.6	-3,113.6	289.2	162.8	331.9	29.38
6,656.0	3.30	31.50	6,644.5	-3,206.5	293.9	168.0	337.6	29.46
6,750.0	2.70	23.10	6,738.3	-3,300.3	298.2	168.3	342.5	29.44
6,843.0	3.60	19.00	6,831.2	-3,393.2	303.0	170.1	347.5	29.31
6,937.0	4.20	34.80	6,925.0	-3,487.0	308.6	173.1	353.8	29.28
7,030.0	2.30	38.90	7,017.8	-3,579.8	312.9	176.2	359.1	29.38
7,123.0	1.90	57.70	7,110.8	-3,672.8	315.2	178.6	362.3	29.55



Microsoft
MWD Surveys



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 5-19S-29E Gobbler 5 B2AD State #1H
Well: Gobbler 5 B2AD State #1H
Wellbore: Original Hole
Design: Original Hole

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7,217.0	0.60	61.80	7,204.7	-3,766.7	316.2	180.4	364.1	29.70
7,237.0	0.10	236.30	7,224.7	-3,786.7	316.3	180.5	364.1	29.71
7,262.1	0.59	240.85	7,249.9	-3,811.9	316.2	180.3	364.0	29.70
B.B. Gobbler 5 B2AD St #1H								
7,268.0	0.70	241.00	7,255.7	-3,817.7	316.2	180.3	364.0	29.69
7,330.0	5.80	268.90	7,317.6	-3,879.6	315.9	178.8	362.0	29.24
7,362.0	9.60	273.80	7,349.3	-3,911.3	316.1	172.5	360.1	28.63
7,393.0	13.40	277.20	7,376.7	-3,941.7	316.7	166.4	357.7	27.72
7,424.0	16.40	279.70	7,408.7	-3,971.7	317.9	158.5	355.2	26.50
7,455.0	19.20	279.00	7,439.2	-4,001.2	319.4	149.2	352.5	25.03
7,486.0	21.90	277.70	7,468.2	-4,030.2	321.0	138.4	349.5	23.32
7,517.0	23.70	279.50	7,496.8	-4,058.8	322.8	126.5	346.7	21.40
7,549.0	25.40	282.10	7,525.9	-4,087.9	325.3	113.5	344.5	19.23
7,580.0	27.70	285.50	7,553.6	-4,115.6	328.6	100.0	343.5	16.93
7,611.0	31.00	285.20	7,580.6	-4,142.6	332.6	85.4	343.4	14.39
7,642.0	34.90	286.50	7,606.6	-4,168.6	337.2	69.2	344.3	11.59
7,673.0	38.90	287.80	7,631.4	-4,193.4	342.7	51.4	346.6	8.53
7,704.0	40.90	291.80	7,655.2	-4,217.2	349.5	32.7	351.0	5.34
7,735.0	42.70	291.60	7,678.3	-4,240.3	357.1	13.5	357.4	2.16
7,766.0	45.60	289.50	7,700.6	-4,262.6	364.7	-6.7	364.7	358.94
7,797.0	48.20	289.20	7,721.7	-4,283.7	372.2	-28.1	373.2	355.68
7,829.0	51.30	289.40	7,742.4	-4,304.4	380.3	-51.1	383.7	352.34
7,860.0	55.50	289.30	7,760.9	-4,322.9	388.5	-74.6	395.6	349.13
7,891.0	60.70	290.70	7,777.3	-4,339.3	397.5	-99.3	409.7	345.97
7,922.0	66.40	292.00	7,791.1	-4,353.1	407.6	-125.2	426.4	342.93
7,953.0	72.70	293.00	7,801.9	-4,363.9	418.7	-152.0	445.5	340.05
7,985.0	79.00	293.00	7,809.7	-4,371.7	430.8	-180.5	467.1	337.27



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7,993.0	80.60	293.00	7,811.1	-4,373.1	433.9	-187.8	472.8	336.60
8,075.0	92.30	291.30	7,816.2	-4,378.2	464.7	-263.5	534.2	330.45
8,078.3	92.31	291.35	7,816.1	-4,378.1	465.9	-266.6	536.8	330.23
LP Gobbler 5 B2AD St #1H								
8,137.0	92.50	292.30	7,813.6	-4,375.6	487.7	-321.0	583.9	326.65
8,231.0	92.90	292.00	7,809.2	-4,371.2	523.1	-407.9	663.4	322.05
8,324.0	94.20	292.30	7,803.4	-4,365.4	558.1	-493.9	745.3	318.49
8,418.0	93.80	292.70	7,796.9	-4,358.9	594.0	-580.5	830.6	315.66
8,511.0	94.10	292.40	7,790.5	-4,352.5	629.6	-666.2	916.6	313.38
8,605.0	93.20	288.90	7,784.5	-4,346.5	662.7	-754.0	1,003.8	311.31
8,697.0	92.70	284.30	7,779.7	-4,341.7	688.9	-842.0	1,087.9	309.29
8,790.0	90.90	279.00	7,776.8	-4,336.8	707.7	-933.0	1,171.0	307.18
8,884.0	85.50	270.00	7,776.8	-4,341.8	715.0	-1,028.5	1,251.0	304.88
8,977.0	88.00	268.10	7,785.0	-4,347.0	713.5	-1,119.4	1,327.4	302.51
9,071.0	91.30	268.80	7,785.6	-4,347.8	710.9	-1,213.3	1,406.3	300.37
9,165.0	91.60	268.10	7,783.2	-4,345.2	708.4	-1,307.3	1,486.9	298.45
9,259.0	92.30	267.80	7,780.0	-4,342.0	705.1	-1,401.1	1,568.6	296.71
9,351.0	92.90	268.20	7,775.9	-4,337.9	702.0	-1,493.0	1,649.8	295.18
9,445.0	91.60	268.10	7,772.2	-4,334.2	699.0	-1,586.9	1,734.0	293.77
9,538.0	92.40	268.00	7,768.9	-4,330.9	695.8	-1,679.8	1,818.2	292.50
9,631.0	91.20	268.50	7,766.0	-4,328.0	693.0	-1,772.7	1,903.3	291.35
9,725.0	91.20	268.20	7,764.0	-4,326.0	690.3	-1,866.6	1,990.2	290.29
9,818.0	90.80	268.30	7,762.4	-4,324.4	687.4	-1,959.6	2,076.6	289.33
9,911.0	90.20	269.00	7,761.6	-4,323.6	685.2	-2,052.5	2,163.9	288.46
10,005.0	90.50	269.20	7,761.0	-4,323.0	683.8	-2,146.5	2,252.8	287.67
10,098.0	90.30	269.30	7,760.4	-4,322.4	682.5	-2,239.5	2,341.2	286.95
10,191.0	91.60	271.20	7,758.8	-4,320.8	682.9	-2,332.5	2,430.4	286.32



Microsoft MWD Surveys



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 5-19S-29E Gobbler 5 B2AD State #1H
Well: Gobbler 5 B2AD State #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Gobbler 5 B2AD State #1H
TVD Reference: 3411GL + 27 KB @ 3438.0usft (Patterson 250)
MD Reference: 3411GL + 27 KB @ 3438.0usft (Patterson 250)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
10,285.0	92.80	271.80	7,755.2	-4,317.2	685.4	-2,426.4	2,521.3	285.77
10,378.0	93.30	271.80	7,750.3	-4,312.3	688.3	-2,519.2	2,611.5	285.28
10,471.0	91.90	272.60	7,746.1	-4,308.1	691.9	-2,612.0	2,702.1	284.84
10,565.0	89.50	272.30	7,744.9	-4,306.9	695.9	-2,705.9	2,794.0	284.42
10,658.0	90.20	272.80	7,745.2	-4,307.2	700.0	-2,798.8	2,885.1	284.04
10,752.0	90.40	273.00	7,744.7	-4,306.7	704.6	-2,892.7	2,977.3	283.69
10,845.0	88.60	270.10	7,744.7	-4,306.7	707.3	-2,985.7	3,068.3	283.33
10,938.0	90.50	269.20	7,744.6	-4,306.6	708.7	-3,078.7	3,158.7	282.93
11,032.0	91.90	270.90	7,742.6	-4,304.6	708.6	-3,172.6	3,250.4	282.56
11,125.0	91.40	271.10	7,739.9	-4,301.9	708.4	-3,265.6	3,341.8	282.24
11,220.0	90.90	270.90	7,738.0	-4,300.0	710.1	-3,360.6	3,434.8	281.93
11,313.0	91.20	270.60	7,738.3	-4,298.3	711.3	-3,453.5	3,526.0	281.64
11,406.0	91.30	271.10	7,734.3	-4,296.3	712.7	-3,546.5	3,617.4	281.38
11,500.0	91.30	271.70	7,732.2	-4,294.2	715.0	-3,640.4	3,710.0	281.11
11,593.0	91.20	272.20	7,730.1	-4,292.1	718.2	-3,733.4	3,801.8	280.89
11,687.0	91.60	271.80	7,727.8	-4,289.8	721.4	-3,827.3	3,894.7	280.67
11,780.0	93.10	271.30	7,724.0	-4,286.0	724.0	-3,920.2	3,986.5	280.46
11,874.0	92.40	269.80	7,718.5	-4,281.5	724.9	-4,014.1	4,078.0	280.24
11,967.0	90.40	268.70	7,717.2	-4,279.2	723.6	-4,107.0	4,170.3	279.99
12,061.0	90.30	268.10	7,716.7	-4,278.7	721.0	-4,201.0	4,262.4	279.74
12,154.0	89.40	268.10	7,716.9	-4,278.9	717.9	-4,293.9	4,353.8	279.49
12,248.0	88.70	267.70	7,716.5	-4,280.5	714.5	-4,387.8	4,445.6	279.25
12,341.0	89.40	268.10	7,720.0	-4,282.0	711.1	-4,480.8	4,536.8	279.02
12,435.0	90.60	268.00	7,720.0	-4,282.0	707.9	-4,574.7	4,629.2	278.80
12,528.0	90.70	267.60	7,718.0	-4,281.0	704.3	-4,667.6	4,720.5	278.58
12,600.0	90.70	267.60	7,716.1	-4,280.1	701.3	-4,759.6	4,791.2	278.42

12600' MD Projected to Bit - PBHL Gobbler 5 B2AD St #1H



Microsoft
MWD Surveys



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 5-18S-28E Gobbler 6 B2AD State #1H
Well: Gobbler 6 B2AD State #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Gobbler 5 B2AD State #1H
TVD Reference: 3411GL + 27 KB @ 3436.0usft (Patterson 250)
MD Reference: 3411GL + 27 KB @ 3436.0usft (Patterson 250)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,600.0	7,718.1	701.3	-4,739.8	12800' MD Projected to Bit



COMPANY: Mewbourne Oil Company
WELL: Gobbler 5 B2AD State #1H
COUNTY: Eddy County, N.M. Mod (83)
DATUM: North American Datum 1983
RIG: Patterson Patterson 250

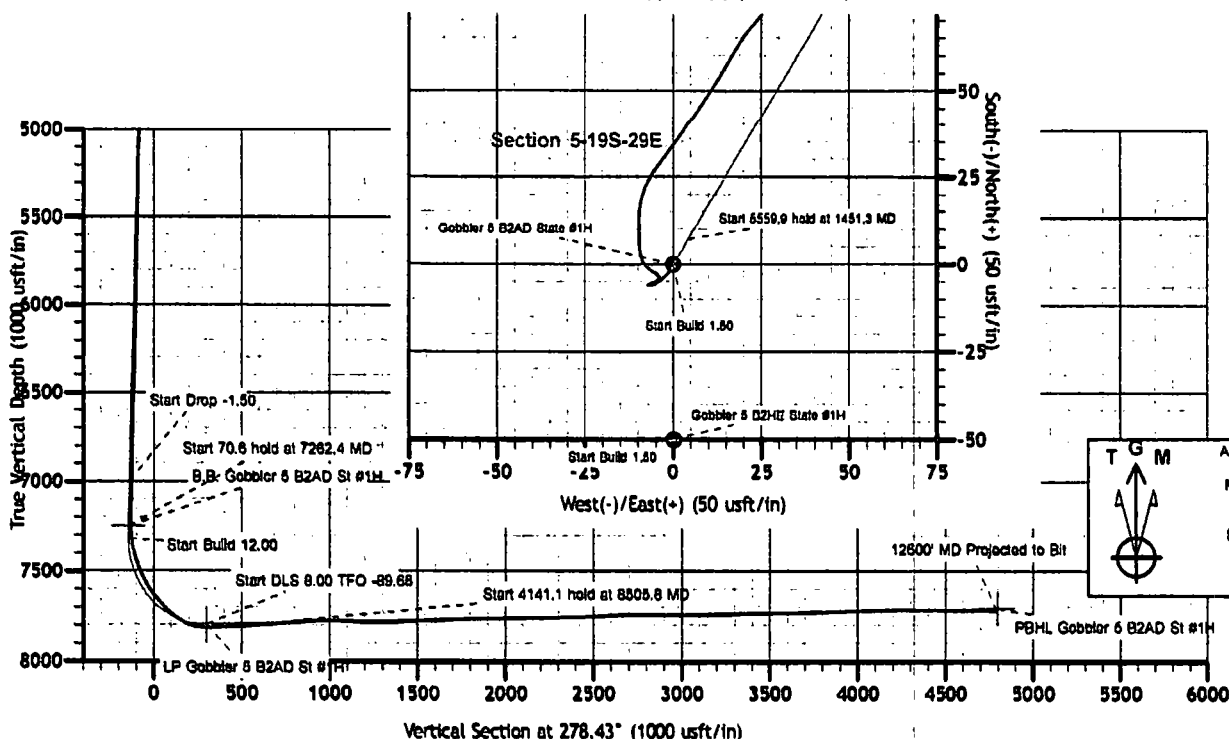
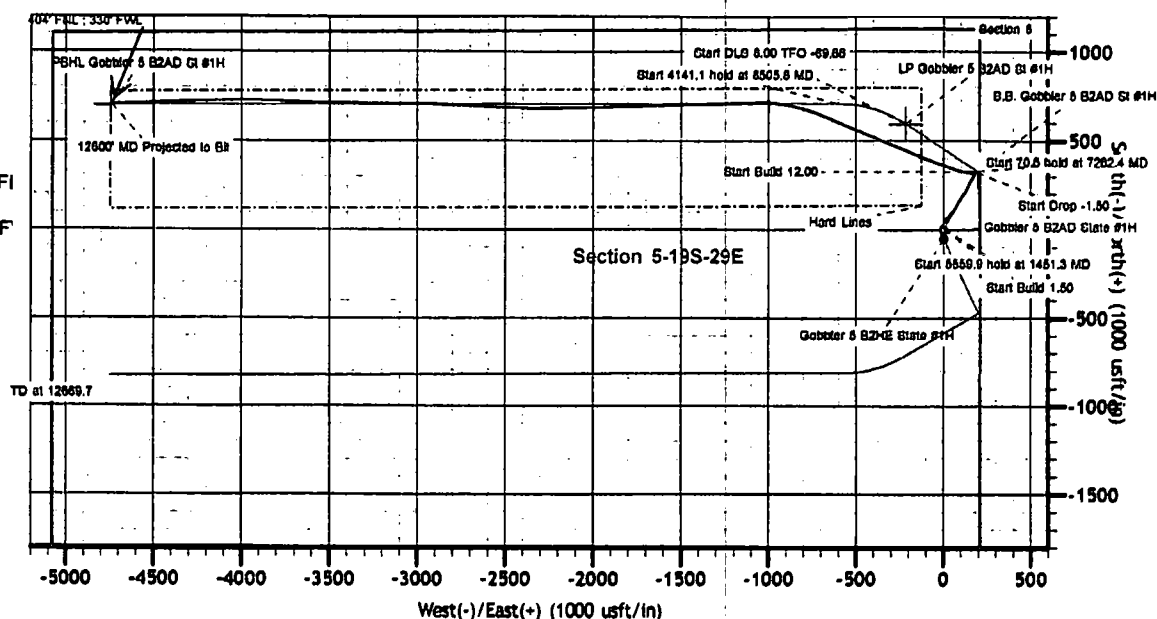


OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.02°

GEODETIC ZONE: New Mexico Eastern Zone										
3411GL + 27 KB @ 3438.0usft (Patterson 250)										
GROUND ELEVATION: 3411.0										
	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot			
	0.0	0.0	618298.40	616504.50	32° 41' 38.433 N	104° 5' 20.370 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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1451.3	3.77	30.50	1451.1	7.1	4.2	1.50	30.50	-3.1	
4	7011.1	3.77	30.50	6998.9	322.0	189.7	0.00	0.00	-140.4	
5	7262.4	0.00	0.00	7250.0	328.2	193.9	1.50	180.00	-143.5	B.B. Gobbler 5 B2AD St #1H
6	7333.0	0.00	0.00	7320.8	328.2	193.9	0.00	0.00	-143.5	
7	8092.4	91.12	303.00	7798.0	594.3	-214.4	12.00	303.00	289.3	
8	8505.8	91.13	289.92	7789.6	709.8	-605.4	8.00	-89.68	703.0	
9	12947.0	91.13	289.92	7708.0	703.7	-4745.8	0.00	0.00	-4767.6	PBHL Gobbler 5 B2AD St #1H

SHL 1130' FNL; 205' FI
Section 5-19S-29E
PBHL 400' FNL; 330' F
Section 5-19S-29E



T G M
 Azimuths to Grid North
 True North: -0.13°
 Magnetic North: 7.02°
 Magnetic Field
 Strength: 48087.0nT
 Dip Angle: 60.40°
 Date: 3/7/2016
 Model: IGRF2016