

OPERATOR MEWBOURNE OIL COMPANY
WELL/LEASE OWL DRAW 23 DM FED COM 1H
COUNTY EDDY

046-0089

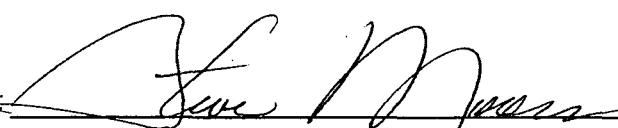
STATE OF NEW MEXICO
DEVIATION REPORT

15-41448

208	0.59
741	0.31
1,138	1.47
1,519	3.24
1,678	3.88
2,047	3.41
2,440	1.01
2,852	0.71
3,264	0.67
3,646	0.54
4,026	0.99
4,439	1.17
4,819	1.34
5,199	0.83
5,612	1.76
5,993	1.94
6,373	3.20
6,405	3.41
6,595	3.92
6,800	1.06
6,928	3.60
6,975	3.64
7,102	2.10
7,419	1.78
7,830	1.76

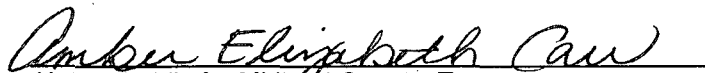
STATE OF TEXAS

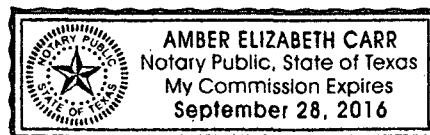
COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on
Steve Moore on behalf of Patterson-UTI Drilling Company LLC.

11/11/13, by


Notary Public for Midland County, Texas
My Commission Expires:



Mewbourne Oil Co

Eddy County, New Mexico

Sec 14, T26S, R27E

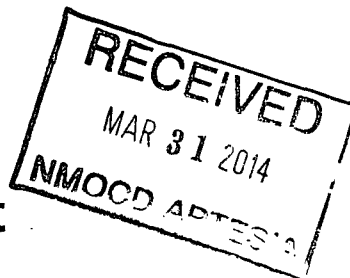
Owl Draw 23 DM Fed Com #1H

Wellbore #1

Design: Wellbore #1

DDC Survey Report

21 October, 2013



DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14 T26S R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	(Minimum) Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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

Site:		Sec 14 T26S R27E		14	
Site Position:		Northing:		376.774.54 usft	
From:		Easting:		551.931.04 usft	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
Map		0.0 usft		13-3/16 "	
				32° 2' 8.725 N	
				104° 9' 56.686 W	
				0.09 °	

Well:	Owl Draw 23 DM Fed Com #1H					
Well Position	+N-S	0.0 usft	Northings:	376,774.54 usft	Latitude:	32° 2' 8.725 N
	+E-W	0.0 usft	Easting:	551,931.04 usft	Longitude:	104° 9' 56.686 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,152.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/6/2013	7.57	59.86	48,217

Design:	Wellbore #1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Survey/Program		Date: 10/21/2013		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
4,800.0	8,468.0	Gyro (Wellbore #1)	Good_gyro	Good Gyro
8,539.0	14,900.0	DDC MWD (Wellbore #1)	MWD default	MWD - Standard

Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)
4,717.0	1.24	167.59	4,714.0	-18.9	61.9	14.8	0.00	0.00	0.00
4,800.0	0.82	178.70	4,797.0	-20.4	62.1	16.3	0.56	-0.51	13.39
4,900.0	0.65	204.91	4,897.0	-21.6	61.9	17.5	0.37	-0.17	26.21
5,000.0	0.71	220.02	4,997.0	-22.6	61.2	18.6	0.19	0.06	15.11
5,100.0	0.77	210.87	5,097.0	-23.6	60.5	19.7	0.13	0.06	-9.15
5,200.0	0.65	209.59	5,197.0	-24.7	59.8	20.8	0.12	-0.12	-1.28
5,300.0	0.92	206.12	5,296.9	-25.9	59.2	22.0	0.27	0.27	-3.47
5,400.0	0.91	204.61	5,396.9	-27.3	58.5	23.5	0.03	-0.01	-1.51
5,500.0	1.58	201.54	5,496.9	-29.4	57.7	25.6	0.67	0.67	-3.07
5,600.0	1.72	204.62	5,596.9	-32.0	56.6	28.3	0.17	0.14	3.08

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14-T26S-R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,700.0	2.02	209.34	5,696.8	-34.9	55.1	31.3	0.34	0.30	4.72
5,800.0	1.87	212.09	5,796.8	-37.8	53.3	34.3	0.18	-0.15	2.75
5,900.0	1.80	205.14	5,896.7	-40.6	51.8	37.2	0.23	-0.07	-6.95
6,000.0	1.82	193.94	5,996.7	-43.6	50.8	40.2	0.35	0.02	-11.20
6,100.0	1.23	212.11	6,096.6	-46.0	49.8	42.7	0.76	-0.59	18.17
6,200.0	1.53	214.81	6,196.6	-48.0	48.5	44.8	0.31	0.30	2.70
6,300.0	1.96	211.27	6,296.5	-50.6	46.8	47.5	0.44	0.43	-3.54
6,400.0	3.04	210.83	6,396.4	-54.3	44.6	51.3	1.08	1.08	-0.44
6,500.0	3.85	209.67	6,496.3	-59.5	41.6	56.7	0.81	0.81	-1.16
6,600.0	3.91	216.09	6,596.0	-65.2	37.9	62.6	0.44	0.06	6.42
6,700.0	3.93	214.34	6,695.8	-70.8	33.9	68.4	0.12	0.02	-1.75
6,800.0	3.77	212.64	6,795.6	-76.4	30.2	74.3	0.20	-0.16	-1.70
6,900.0	3.67	211.01	6,895.4	-81.9	26.8	80.0	0.15	-0.10	-1.63
7,000.0	3.30	213.90	6,995.2	-87.0	23.6	85.3	0.41	-0.37	2.89
7,100.0	2.42	216.84	7,095.1	-91.1	20.7	89.6	0.89	-0.88	2.94
7,200.0	2.18	237.22	7,195.0	-93.8	17.8	92.5	0.85	-0.24	20.38
7,300.0	2.02	229.14	7,294.9	-96.0	14.9	94.8	0.34	-0.16	-8.08
7,400.0	1.58	212.68	7,394.9	-98.3	12.8	97.3	0.67	-0.44	-16.46
7,500.0	0.62	207.87	7,494.8	-100.0	11.8	99.0	0.96	-0.96	-4.81
7,600.0	0.64	104.25	7,594.8	-100.6	12.1	99.6	0.99	0.02	-103.62
7,700.0	1.37	116.86	7,694.8	-101.3	13.7	100.2	0.76	0.73	12.61
7,800.0	2.66	125.80	7,794.8	-103.2	16.7	101.9	1.32	1.29	8.94
7,900.0	3.06	133.35	7,894.6	-106.3	20.5	104.8	0.55	0.40	7.55
8,000.0	3.40	147.35	7,994.5	-110.7	24.0	108.9	0.86	0.34	14.00
8,100.0	4.23	153.46	8,094.3	-116.5	27.3	114.5	0.92	0.83	6.11
8,200.0	4.82	163.60	8,193.9	-123.8	30.1	121.6	0.99	0.59	10.14
8,300.0	4.40	172.21	8,293.6	-131.6	31.8	129.3	0.81	-0.42	8.61
8,400.0	3.81	177.75	8,393.4	-138.8	32.5	136.4	0.71	-0.59	5.54
Tie In @ 8468 MD / 8461 TVD									
8,468.0	3.36	176.36	8,461.2	-143.0	32.7	140.6	0.67	-0.66	-2.04
8,539.0	3.40	181.00	8,532.1	-147.2	32.8	144.7	0.39	0.06	6.54
8,634.0	3.50	182.60	8,626.9	-152.9	32.6	150.5	0.15	0.11	1.68
8,730.0	3.30	189.20	8,722.8	-158.5	32.0	156.1	0.46	-0.21	6.88
8,825.0	2.80	188.90	8,817.6	-163.5	31.2	161.2	0.53	-0.53	-0.32
8,920.0	2.80	187.50	8,912.5	-168.1	30.6	165.8	0.07	0.00	-1.47
9,016.0	2.50	188.40	9,008.4	-172.5	30.0	170.2	0.32	-0.31	0.94
9,110.0	2.90	186.10	9,102.3	-176.9	29.4	174.6	0.44	0.43	-2.45
9,204.0	2.30	192.40	9,196.2	-181.1	28.7	178.9	0.71	-0.64	6.70
9,253.0	1.90	198.70	9,245.2	-182.9	28.3	180.6	0.94	-0.82	12.86
9,301.0	2.00	205.60	9,293.2	-184.4	27.7	182.2	0.53	0.21	14.38
9,365.0	2.20	208.40	9,357.1	-186.5	26.6	184.3	0.35	0.31	4.38
9,397.0	2.20	208.20	9,389.1	-187.5	26.0	185.5	0.02	0.00	-0.63
9,429.0	4.20	186.30	9,421.0	-189.2	25.6	187.2	7.22	6.25	-68.44

DDC

Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14, T26S, R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,460.0	7.10	179.00	9,451.9	-192.3	25.5	190.2	9.62	9.35	-23.55	
9,492.0	9.70	172.70	9,483.5	-196.9	25.9	194.9	8.61	8.13	-19.69	
9,524.0	11.50	171.00	9,515.0	-202.8	26.7	200.6	5.71	5.63	-5.31	
9,556.0	13.40	170.60	9,546.2	-209.6	27.8	207.3	5.94	5.94	-1.25	
9,588.0	16.40	169.90	9,577.2	-217.7	29.2	215.3	9.39	9.38	-2.19	
9,620.0	20.00	169.70	9,607.6	-227.5	31.0	225.0	11.25	11.25	-0.63	
9,652.0	23.00	172.20	9,637.3	-239.1	32.8	236.5	9.80	9.38	7.81	
9,684.0	25.80	172.70	9,666.5	-252.2	34.5	249.4	8.77	8.75	1.56	
9,716.0	29.50	171.50	9,694.8	-266.9	36.6	264.0	11.69	11.56	-3.75	
9,747.0	33.40	171.00	9,721.2	-282.9	39.1	279.8	12.61	12.58	-1.61	
9,779.0	37.50	170.60	9,747.3	-301.2	42.0	297.9	12.83	12.81	-1.25	
9,811.0	41.80	170.10	9,771.9	-321.3	45.5	317.7	13.47	13.44	-1.56	
9,842.0	46.10	169.40	9,794.3	-342.5	49.3	338.6	13.96	13.87	-2.26	
9,874.0	50.70	168.90	9,815.5	-366.0	53.8	361.7	14.42	14.38	-1.56	
Crossed Lease Line @ 9886' MD / 9823' TVD										
9,886.0	52.31	168.67	9,823.0	-375.2	55.6	370.8	13.52	13.43	-1.94	
9,906.0	55.00	168.30	9,834.8	-391.0	58.8	386.4	13.52	13.44	-1.83	
9,937.0	58.00	169.60	9,851.9	-416.4	63.8	411.4	10.29	9.68	4.19	
9,969.0	60.80	169.90	9,868.2	-443.5	68.7	438.1	8.79	8.75	0.94	
10,001.0	63.60	169.20	9,883.1	-471.3	73.8	465.5	8.96	8.75	-2.19	
10,033.0	66.60	169.20	9,896.6	-499.8	79.3	493.6	9.38	9.38	0.00	
10,065.0	68.80	170.40	9,908.7	-528.9	84.5	522.4	7.70	6.88	3.75	
10,097.0	69.80	171.80	9,920.1	-558.5	89.1	551.6	5.15	3.13	4.38	
Crossed Hard Line @ 10123' MD / 9929' TVD										
10,122.5	71.55	172.52	9,928.5	-582.3	92.4	575.1	7.37	6.87	2.82	
10,129.0	72.00	172.70	9,930.5	-588.5	93.2	581.2	7.37	6.88	2.78	
10,142.0	73.30	173.10	9,934.4	-600.8	94.7	593.4	10.42	10.00	3.08	
10,211.0	76.50	173.60	9,952.4	-666.9	102.5	658.9	4.69	4.64	0.72	
10,243.0	76.50	175.20	9,959.8	-697.9	105.5	689.6	4.86	0.00	5.00	
10,275.0	77.70	175.70	9,967.0	-729.0	108.0	720.5	4.05	3.75	1.56	
10,306.0	78.10	176.60	9,973.5	-759.2	110.0	750.5	3.12	1.29	2.90	
10,338.0	78.70	177.60	9,979.9	-790.5	111.6	781.7	3.59	1.88	3.13	
10,369.0	79.80	179.00	9,985.7	-821.0	112.5	812.0	5.68	3.55	4.52	
10,401.0	80.10	179.80	9,991.3	-852.5	112.8	843.4	2.63	0.94	2.50	
10,432.0	79.70	179.60	9,996.7	-883.0	113.0	873.9	1.44	-1.29	-0.65	
10,464.0	79.50	179.60	10,002.5	-914.5	113.2	905.2	0.63	-0.63	0.00	
10,495.0	80.00	180.10	10,008.0	-945.0	113.3	935.7	2.26	1.61	1.61	
10,527.0	80.60	181.00	10,013.4	-976.5	113.0	967.2	3.35	1.88	2.81	
10,558.0	82.60	181.70	10,017.9	-1,007.2	112.3	997.8	6.83	6.45	2.26	
10,590.0	85.00	181.50	10,021.4	-1,039.0	111.4	1,029.6	7.53	7.50	-0.63	
10,622.0	87.00	182.20	10,023.6	-1,070.9	110.3	1,061.5	6.62	6.25	2.19	
10,653.0	87.30	182.20	10,025.2	-1,101.8	109.1	1,092.5	0.97	0.97	0.00	
10,685.0	88.90	183.40	10,026.2	-1,133.8	107.6	1,124.4	6.25	5.00	3.75	
10,717.0	90.60	184.70	10,026.4	-1,165.7	105.3	1,156.4	6.69	5.31	4.06	

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14 T26S R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,748.0	91.00	185.00	10,025.9	-1,196.6	102.7	1,187.4	1.61	1.29	0.97
10,780.0	89.70	184.80	10,025.7	-1,228.5	100.0	1,219.4	4.11	-4.06	-0.63
10,812.0	89.30	185.40	10,026.0	-1,260.3	97.1	1,251.4	2.25	-1.25	1.88
10,843.0	90.00	185.40	10,026.2	-1,291.2	94.2	1,282.4	2.26	2.26	0.00
10,875.0	91.10	184.70	10,025.9	-1,323.1	91.4	1,314.4	4.07	3.44	-2.19
10,906.0	89.70	184.10	10,025.7	-1,354.0	89.0	1,345.4	4.91	-4.52	-1.94
10,938.0	90.40	184.70	10,025.7	-1,385.9	86.6	1,377.4	2.88	2.19	1.88
10,970.0	88.60	183.60	10,025.9	-1,417.8	84.2	1,409.4	6.59	-5.63	-3.44
11,001.0	89.20	183.80	10,026.5	-1,448.7	82.2	1,440.4	2.04	1.94	0.65
11,033.0	90.40	184.10	10,026.6	-1,480.6	80.0	1,472.4	3.87	3.75	0.94
11,064.0	90.70	184.10	10,026.3	-1,511.6	77.8	1,503.4	0.97	0.97	0.00
11,128.0	90.80	184.30	10,025.5	-1,575.4	73.1	1,567.4	0.35	0.16	0.31
11,191.0	92.70	184.30	10,023.6	-1,638.2	68.4	1,630.3	3.02	3.02	0.00
11,223.0	91.60	183.40	10,022.4	-1,670.1	66.3	1,662.3	4.44	-3.44	-2.81
11,255.0	92.70	184.30	10,021.2	-1,702.0	64.1	1,694.3	4.44	3.44	2.81
11,286.0	91.00	183.30	10,020.2	-1,732.9	62.1	1,725.3	6.36	-5.48	-3.23
11,318.0	88.30	183.40	10,020.4	-1,764.8	60.2	1,757.2	8.44	-8.44	0.31
11,350.0	87.20	182.90	10,021.6	-1,796.8	58.4	1,789.2	3.78	-3.44	-1.56
11,381.0	87.90	183.80	10,023.0	-1,827.7	56.6	1,820.2	3.68	2.26	2.90
11,413.0	88.50	184.10	10,024.0	-1,859.6	54.4	1,852.2	2.10	1.88	0.94
11,444.0	86.90	183.10	10,025.2	-1,890.5	52.5	1,883.1	6.09	-5.16	-3.23
11,476.0	84.70	181.70	10,027.6	-1,922.4	51.1	1,915.1	8.14	-6.88	-4.38
11,508.0	84.40	180.60	10,030.6	-1,954.2	50.5	1,946.9	3.55	-0.94	-3.44
11,540.0	83.40	180.40	10,034.0	-1,986.1	50.2	1,978.6	3.19	-3.13	-0.63
11,571.0	85.30	180.10	10,037.0	-2,016.9	50.1	2,009.4	6.20	6.13	-0.97
11,603.0	89.00	179.60	10,038.6	-2,048.9	50.2	2,041.3	11.67	11.56	-1.56
11,619.0	89.70	180.10	10,038.8	-2,064.9	50.2	2,057.3	5.38	4.38	3.13
11,634.0	90.20	179.90	10,038.8	-2,079.9	50.2	2,072.2	3.59	3.33	-1.33
11,666.0	88.70	180.40	10,039.1	-2,111.9	50.1	2,104.2	4.94	-4.69	1.56
11,698.0	90.20	182.90	10,039.4	-2,143.8	49.2	2,136.2	9.11	4.69	7.81
11,729.0	93.30	184.00	10,038.5	-2,174.8	47.3	2,167.1	10.61	10.00	3.55
11,745.0	94.30	184.10	10,037.4	-2,190.7	46.2	2,183.1	6.28	6.25	0.63
11,761.0	95.70	183.80	10,036.0	-2,206.6	45.1	2,199.0	8.95	8.75	-1.88
11,793.0	96.90	183.30	10,032.5	-2,238.3	43.2	2,230.8	4.06	3.75	-1.56
11,824.0	97.40	182.90	10,028.7	-2,269.0	41.5	2,261.6	2.06	1.61	-1.29
11,856.0	97.40	182.00	10,024.6	-2,300.7	40.1	2,293.3	2.79	0.00	-2.81
11,887.0	97.50	182.20	10,020.5	-2,331.5	39.0	2,324.1	0.72	0.32	0.65
11,919.0	96.80	182.70	10,016.6	-2,363.2	37.6	2,355.8	2.68	-2.19	1.56
11,951.0	94.80	183.10	10,013.3	-2,395.0	36.0	2,387.6	6.37	-6.25	1.25
11,983.0	93.10	184.00	10,011.1	-2,426.8	34.1	2,419.6	6.01	-5.31	2.81
12,014.0	92.30	183.60	10,009.7	-2,457.7	32.0	2,450.5	2.88	-2.58	-1.29
12,046.0	90.80	184.50	10,008.8	-2,489.6	29.7	2,482.5	5.47	-4.69	2.81
12,078.0	90.50	185.60	10,008.4	-2,521.5	26.9	2,514.5	3.56	-0.94	3.44

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14 T26S R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,109.0	90.90	184.80	10,008.0	-2,552.4	24.1	2,545.5	2.89	1.29	-2.58	
12,141.0	90.80	185.00	10,007.6	-2,584.3	21.4	2,577.5	0.70	-0.31	0.63	
12,172.0	89.40	184.70	10,007.5	-2,615.2	18.8	2,608.5	4.62	-4.52	-0.97	
12,204.0	89.00	184.80	10,008.0	-2,647.0	16.1	2,640.5	1.29	-1.25	0.31	
12,236.0	89.10	184.70	10,008.5	-2,678.9	13.5	2,672.4	0.44	0.31	-0.31	
12,267.0	89.20	184.50	10,009.0	-2,709.8	11.0	2,703.4	0.72	0.32	-0.65	
12,299.0	89.60	184.10	10,009.3	-2,741.7	8.6	2,735.4	1.77	1.25	-1.25	
12,331.0	90.90	184.70	10,009.1	-2,773.6	6.1	2,767.4	4.47	4.06	1.88	
12,362.0	90.50	184.50	10,008.8	-2,804.5	3.6	2,798.4	1.44	-1.29	-0.65	
12,393.0	89.30	185.40	10,008.8	-2,835.4	1.0	2,829.4	4.84	-3.87	2.90	
12,425.0	87.50	185.90	10,009.7	-2,867.3	-2.2	2,861.4	5.84	-5.63	1.56	
12,457.0	87.30	186.30	10,011.2	-2,899.0	-5.6	2,893.3	1.40	-0.63	1.25	
12,488.0	87.50	186.30	10,012.6	-2,929.8	-9.0	2,924.3	0.65	0.65	0.00	
12,520.0	89.30	185.00	10,013.5	-2,961.6	-12.1	2,956.2	6.94	5.63	-4.06	
12,552.0	91.00	185.00	10,013.4	-2,993.5	-14.9	2,988.2	5.31	5.31	0.00	
12,583.0	91.10	185.20	10,012.8	-3,024.4	-17.7	3,019.2	0.72	0.32	0.65	
12,615.0	90.00	185.40	10,012.5	-3,056.3	-20.6	3,051.2	3.49	-3.44	0.63	
12,647.0	89.10	185.60	10,012.8	-3,088.1	-23.7	3,083.2	2.88	-2.81	0.63	
12,678.0	89.10	185.60	10,013.2	-3,119.0	-26.7	3,114.2	0.00	0.00	0.00	
12,710.0	89.20	185.60	10,013.7	-3,150.8	-29.8	3,146.1	0.31	0.31	0.00	
12,742.0	89.40	185.60	10,014.1	-3,182.6	-33.0	3,178.1	0.63	0.63	0.00	
12,773.0	89.30	185.40	10,014.5	-3,213.5	-35.9	3,209.1	0.72	-0.32	-0.65	
12,805.0	89.30	184.80	10,014.9	-3,245.4	-38.8	3,241.1	1.87	0.00	-1.88	
12,837.0	89.00	185.60	10,015.3	-3,277.2	-41.7	3,273.1	2.67	-0.94	2.50	
12,868.0	88.30	185.00	10,016.1	-3,308.1	-44.5	3,304.0	2.97	-2.26	-1.94	
12,900.0	88.60	185.70	10,016.9	-3,339.9	-47.5	3,336.0	2.38	0.94	2.19	
12,932.0	87.20	183.80	10,018.1	-3,371.8	-50.2	3,368.0	7.37	-4.38	-5.94	
12,963.0	85.40	185.20	10,020.1	-3,402.6	-52.6	3,398.9	7.35	-5.81	4.52	
12,995.0	85.00	185.00	10,022.8	-3,434.4	-55.4	3,430.8	1.40	-1.25	-0.63	
13,027.0	86.80	187.30	10,025.1	-3,466.1	-58.8	3,462.7	9.11	5.63	7.19	
13,058.0	87.00	187.10	10,026.7	-3,496.9	-62.7	3,493.6	0.91	0.65	-0.65	
13,090.0	88.50	186.80	10,028.0	-3,528.6	-66.6	3,525.5	4.78	4.69	-0.94	
13,122.0	89.00	187.10	10,028.7	-3,560.3	-70.5	3,557.4	1.82	1.56	0.94	
13,153.0	89.30	187.10	10,029.2	-3,591.1	-74.3	3,588.4	0.97	0.97	0.00	
13,185.0	89.30	186.60	10,029.5	-3,622.9	-78.1	3,620.3	1.56	0.00	-1.56	
13,216.0	89.30	186.40	10,029.9	-3,653.7	-81.6	3,651.3	0.65	0.00	-0.65	
13,248.0	89.60	187.10	10,030.2	-3,685.5	-85.4	3,683.3	2.38	0.94	2.19	
13,280.0	89.20	187.10	10,030.6	-3,717.2	-89.3	3,715.2	1.25	-1.25	0.00	
13,312.0	92.90	190.80	10,030.0	-3,748.8	-94.3	3,747.0	16.35	11.56	11.56	
13,344.0	94.00	191.20	10,028.1	-3,780.2	-100.4	3,778.7	3.66	3.44	1.25	
13,375.0	93.00	190.80	10,026.2	-3,810.5	-106.3	3,809.4	3.47	-3.23	-1.29	
13,407.0	91.70	191.00	10,024.9	-3,841.9	-112.4	3,841.1	4.11	-4.06	0.63	
13,439.0	92.00	191.70	10,023.8	-3,873.3	-118.7	3,872.8	2.38	0.94	2.19	

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14, T26S, R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM:5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,470.0	91.90	191.20	10,022.8	-3,903.6	-124.8	3,903.5	1.64	-0.32	-1.61
13,502.0	90.80	191.50	10,022.0	-3,935.0	-131.1	3,935.2	3.56	-3.44	0.94
13,534.0	90.90	191.50	10,021.5	-3,966.4	-137.5	3,966.9	0.31	0.31	0.00
13,566.0	90.20	191.90	10,021.2	-3,997.7	-144.0	3,998.6	2.52	-2.19	1.25
13,597.0	90.50	191.00	10,021.0	-4,028.1	-150.1	4,029.4	3.06	0.97	-2.90
13,629.0	89.40	191.40	10,021.1	-4,059.5	-156.3	4,061.1	3.66	-3.44	1.25
13,661.0	89.30	191.00	10,021.4	-4,090.9	-162.6	4,092.8	1.29	-0.31	-1.25
13,692.0	90.50	189.20	10,021.5	-4,121.4	-168.0	4,123.6	6.98	3.87	-5.81
13,724.0	89.80	189.80	10,021.4	-4,152.9	-173.3	4,155.4	2.88	-2.19	1.88
13,755.0	88.10	189.90	10,022.0	-4,183.5	-178.6	4,186.3	5.49	-5.48	0.32
13,787.0	86.80	189.10	10,023.4	-4,215.0	-183.8	4,218.1	4.77	-4.06	-2.50
13,819.0	86.00	188.40	10,025.4	-4,246.6	-188.7	4,249.9	3.32	-2.50	-2.19
13,851.0	85.90	187.80	10,027.7	-4,278.2	-193.2	4,281.7	1.90	-0.31	-1.88
13,882.0	85.70	188.00	10,029.9	-4,308.8	-197.5	4,312.5	0.91	-0.65	0.65
13,914.0	85.80	187.70	10,032.3	-4,340.4	-201.8	4,344.4	0.99	0.31	-0.94
13,946.0	85.50	187.70	10,034.7	-4,372.0	-206.1	4,376.2	0.94	-0.94	0.00
13,977.0	85.60	188.20	10,037.1	-4,402.6	-210.4	4,407.0	1.64	0.32	1.61
14,009.0	85.10	188.20	10,039.7	-4,434.2	-214.9	4,438.8	1.56	-1.56	0.00
14,040.0	84.60	188.00	10,042.5	-4,464.8	-219.3	4,469.6	1.74	-1.61	-0.65
14,072.0	83.50	187.10	10,045.8	-4,496.3	-223.4	4,501.4	4.43	-3.44	-2.81
14,104.0	82.70	187.30	10,049.7	-4,527.8	-227.4	4,533.1	2.58	-2.50	0.63
14,135.0	82.50	187.50	10,053.7	-4,558.3	-231.4	4,563.7	0.91	-0.65	0.65
14,167.0	83.10	187.00	10,057.7	-4,589.8	-235.4	4,595.4	2.43	1.88	-1.56
14,198.0	83.40	187.80	10,061.3	-4,620.3	-239.4	4,626.2	2.74	0.97	2.58
14,227.0	84.20	187.50	10,064.5	-4,648.9	-243.2	4,654.9	2.94	2.76	-1.03
14,258.0	84.70	187.30	10,067.5	-4,679.5	-247.2	4,685.7	1.74	1.61	-0.65
14,290.0	84.40	186.90	10,070.5	-4,711.1	-251.1	4,717.5	1.56	-0.94	-1.25
14,322.0	85.00	187.30	10,073.4	-4,742.7	-255.0	4,749.3	2.25	1.88	1.25
14,353.0	85.10	186.10	10,076.1	-4,773.4	-258.6	4,780.2	3.87	0.32	-3.87
14,385.0	85.00	187.70	10,078.9	-4,805.1	-262.5	4,812.0	4.99	-0.31	5.00
14,416.0	85.10	187.70	10,081.6	-4,835.7	-266.6	4,842.8	0.32	0.32	0.00
14,448.0	84.90	187.10	10,084.3	-4,867.3	-270.7	4,874.6	1.97	-0.63	-1.88
14,480.0	85.10	187.10	10,087.1	-4,898.9	-274.7	4,906.4	0.63	0.63	0.00
14,511.0	85.10	186.90	10,089.8	-4,929.6	-278.4	4,937.3	0.64	0.00	-0.65
14,543.0	84.80	187.30	10,092.6	-4,961.2	-282.4	4,969.1	1.56	-0.94	1.25
14,575.0	87.10	187.50	10,094.9	-4,992.9	-286.5	5,000.9	7.21	7.19	0.63
14,606.0	88.80	187.70	10,096.0	-5,023.6	-290.6	5,031.8	5.52	5.48	0.65
14,638.0	90.30	187.50	10,096.2	-5,055.3	-294.8	5,063.8	4.73	4.69	-0.63
Crossed Hard Line @ 14661' MD / 10096' TVD									
14,660.7	90.37	187.07	10,096.1	-5,077.8	-297.7	5,086.4	1.90	0.31	-1.87
14,670.0	90.40	186.90	10,096.0	-5,087.0	-298.8	5,095.7	1.90	0.31	-1.88
14,701.0	90.70	187.50	10,095.7	-5,117.8	-302.7	5,126.6	2.16	0.97	1.94
14,733.0	90.80	187.50	10,095.3	-5,149.5	-306.9	5,158.6	0.31	0.31	0.00
14,764.0	91.10	188.20	10,094.8	-5,180.2	-311.1	5,189.5	2.46	0.97	2.26

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Owl Draw 23 DM Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 3172.0usft (Patterson #46)
Site:	Sec 14 T26S R27E	MD Reference:	WELL @ 3172.0usft (Patterson #46)
Well:	Owl Draw 23 DM Fed Com #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000:1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,796.0	91.10	187.70	10,094.2	-5,211.9	-315.5	5,221.4	1.56	0.00	-1.56
14,828.0	91.50	188.00	10,093.5	-5,243.6	-319.9	5,253.3	1.56	1.25	0.94
14,849.0	92.40	188.70	10,092.7	-5,264.4	-323.0	5,274.2	5.43	4.29	3.33
TD @ 14900' MD / 10091' TVD									
14,900.0	92.40	188.70	10,090.6	-5,314.7	-330.7	5,325.0	0.00	0.00	0.00

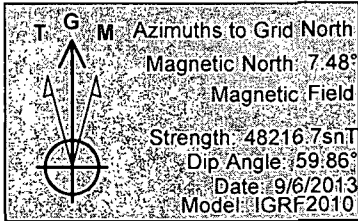
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
+N-S (usft)	+E-W (usft)			
8,468.0	8,461.2	-143.0	32.7	Tie In @ 8468' MD / 8461' TVD
9,886.0	9,823.0	-375.2	55.6	Crossed Lease Line @ 9886' MD / 9823' TVD
10,122.5	9,928.5	-582.3	92.4	Crossed Hard Line @ 10123' MD / 9929' TVD
14,660.7	10,096.1	-5,077.8	-297.7	Crossed Hard Line @ 14661' MD / 10096' TVD
14,900.0	10,090.6	-5,314.7	-330.7	TD @ 14900' MD / 10091' TVD

Checked By: _____	Approved By: _____	Date: _____
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Company Name: Mewbourne Oil Co
Owl Draw 23 DM Fed Com #1H
Eddy County, New Mexico
Rig: Patterson #46
Created By: James Dawson
Date: 10/21/2013

Owl Draw 23 DM Fed Com #1H
Eddy County, New Mexico
Q130197 & WT-13675
Design #4

Mewbourne Oil Company



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: Owl Draw 23 DM Fed Com #1H

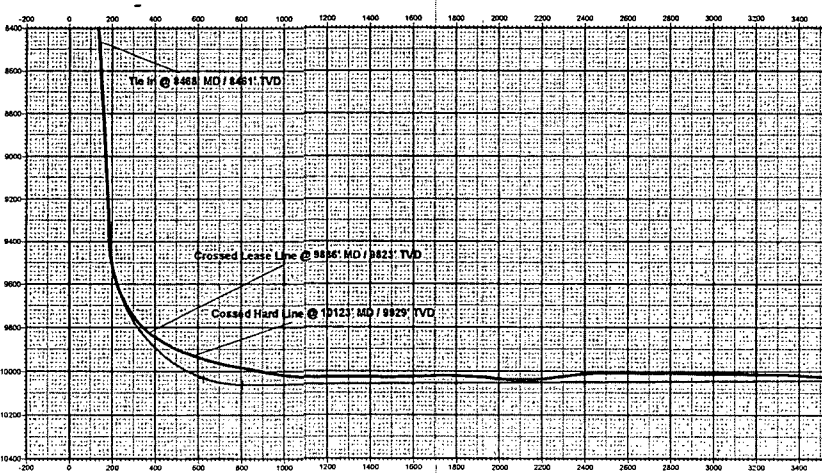
Ground Level:		3152.0
+N-S	+E-W	
0.0	0.0	376774.54
		551931.04
		32° 2' 8.725 N
		104° 9' 56.656 W

DESIGN TARGET DETAILS

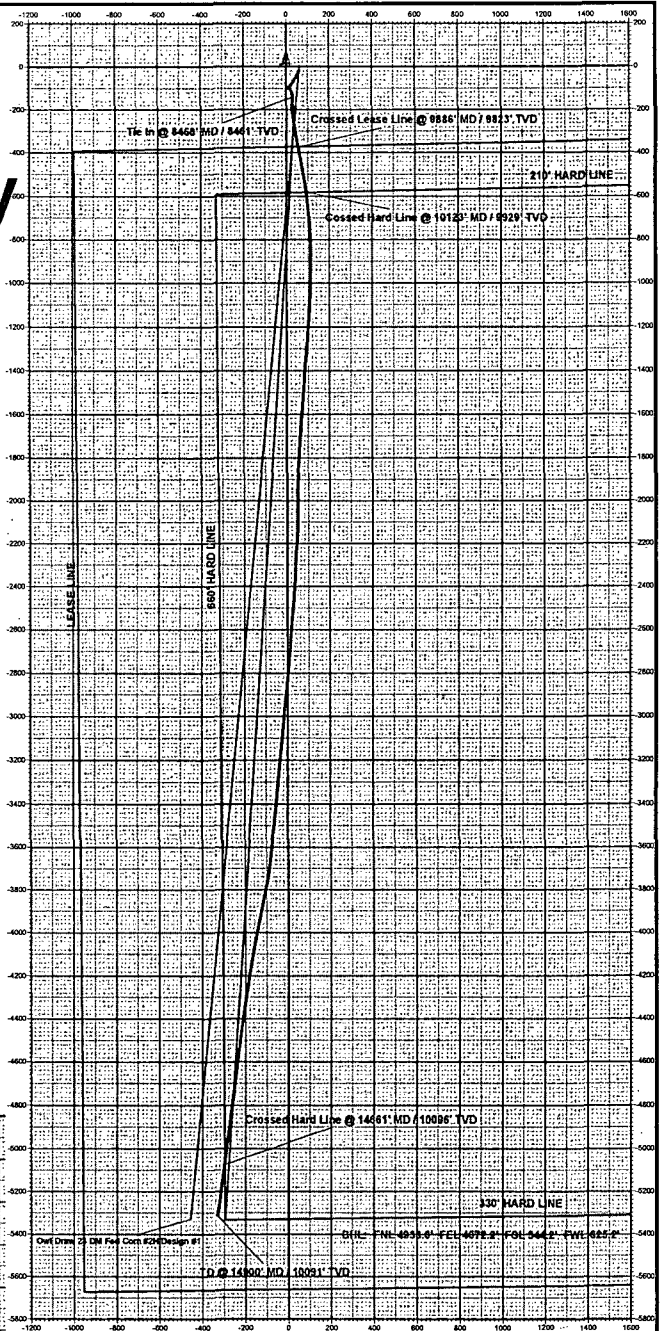
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
LP - Owl Draw 23 Fed Com #1H DMS	10032.0	-628.1	-34.1	376150.29	551856.91	32° 2' 2.549 N	104° 9' 57.093 W
- plan misses target center by 47.7usft at 10223.8usft MD (10030.9 TVD, -427.4 N, 13.6 E)							
PBHL Owl Draw 23 DM Fed Com #1H Design #2	10032.0	-6334.0	-294.4	371440.54	551835.6432	31° 15.941 N	104° 10' 0.201 W
- plan hits target center							
90° target	10062.0	-606.2	-44.0	376969.37	551887.01	32° 2' 0.758 N	104° 9' 57.212 W
- plan misses target center by 46.1usft at 10408.2usft MD (10062.0 TVD, -608.2 N, 2.0 E)							

ANNOTATIONS

MD	Inc	Az	TVD	+N-S	+E-W	V Sect	Departure	Annotation
8469.0	3.36	176.36	8461.2	+163.0	32.7	140.6	147.6	Tie in @ 8469' MD / 8461' TVD
8886.0	52.31	166.67	8823.0	-375.2	55.6	370.8	333.5	Crossed Lease Line @ 8886' MD / 8823' TVD
10122.5	71.55	172.62	9926.6	-682.3	92.4	676.1	639.8	Crossed Hard Line @ 10122' MD / 9926' TVD
14069.7	80.37	167.07	10096.1	-6077.8	-297.7	5086.4	5115.3	Crossed Hard Line @ 14069' MD / 10096' TVD
14900.0	92.40	188.70	10090.6	-6314.7	-330.7	5325.0	5354.5	TD @ 14900' MD / 10091' TVD



Vertical Section at 183.16° (200 usft/in)



Crossed Hard Line @ 14069' MD / 10096' TVD

TD @ 14900' MD / 10091' TVD

Operating Company Mewbourne Oil Co.
Well Name & Number 10 DM Fed Com #1H
Sales Ticket Number 6153431-1
Date 2/11/2014

Company Rep Josh Proise
Field Long Draw
BOT Service Rep Mike Martinez
District Location Odessa, TX



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	P-110	6.276	6.151	LTC / 8RD	0.03826	3,090.00	9,960	6,230	
Top Liner	4.500	11.60	L-80	3.920	3.795	LTC / 8RD	0.01492	4,544.49	10,311	8,540	
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-	
TVD		2816.00		KOP		2317.00		Open Hole	6.125	Casing Vol. (bbl)	109.6
Carry Fluid Weight (ppg)			8.4		Propant Content (ppa)				Max Drill Out Size		0

	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press	Max Rate (BPM)	Displ (BBL)
Liner Top	1	JR SETTING SLEEVE	2865.51	4.00	5.750	4.750				

	S-3 HYD SET PACKER HANGER	2869.51	4.62							
	COMBO COLLAR / NIPPLE	2874.13	6.07							
	6 JTS 4.5 11.60 L-80 J55 CASING	2880.20	255.82							
	3.265 SLEEVE ZONE 19	3136.02	3.90	5.750		3.525	1524			
	1JT 4.5 11.60 L-80 J55 CASING	3139.92	42.63							
H409360028	OH PACKER 21	3182.55	3.89	5.820	3.875		2154			
	10JTS 4.5 11.60 L-80 J55 CASING	3186.44	426.32							
H409360028	OH PACKER 20	3612.76	3.89	5.820	3.875		2154			
	1 JT 4.5 11.60 L-80 J55 CASING	3616.65	42.65							
	3.500 SLEEVE ZONE 18	3659.30	3.90	5.750		3.400	1524			
	2 JTS 4.5 11.60 L-80 J55 CASING	3663.20	85.25							
H409360028	OH PACKER 19	3748.45	3.89	5.820	3.875		2154			
	2 JTS 4.5 11.60 L-80 J55 CASING	3752.34	85.26							
	3.375 SLEEVE ZONE 17	3837.60	3.90	5.750		3.275	1524			
	2 JTS 4.5 11.60 L-80 J55 CASING	3841.50	85.24							
H409360028	OH PACKER 18	3926.74	3.89	5.820	3.875		2154			
	3 JTS 4.5 11.60 L-80 J55 CASING	3930.63	127.88							
	3.250 SLEEVE ZONE 16	4058.51	3.90	5.750		3.150	1524			
	2 JTS 4.5 11.60 L-80 J55 CASING	4062.41	85.28							
H409360028	OH PACKER 17	4147.69	3.89	5.820	3.875		2154			
	2 JTS 4.5 11.60 L-80 J55 CASING	4151.58	85.29							
	3.125 SLEEVE ZONE 15	4236.87	3.90	5.750		3.025	1524			

Zone Length

316.9

434.1

139.6

182.2

224.8

182.2

Operating Company Mewbourne Oil Co.
Well Name & Number 10 DM Fed Com #1H
Sales Ticket Number 6153431-1

Company Rep Josh Procise
Field Long Draw
BOT Service Rep Mike Martinez



Date 2/11/2014

District Location Odessa, TX

	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	P-110	6.276	6.151	LTC / 8RD	0.03826	3,090.00	9,960	6,230	
Top Liner	4.500	11.60	L-80	3.920	3.795	LTC / 8RD	0.01492	4,544.49	10,311	8,540	
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-	
TVD		2816.00		KOP		2317.00		Open Hole	6.125	Casing Vol. (bbl)	109.6
Carry Fluid Weight (ppg)			8.4		Propant Content (ppa)				Max Drill Out Size		0

	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press.	Max Rate (BPM)	Displ (BBL)
182.3		2 JTS 4.5 11.60 L-80 J55 CASING	4240.77	85.27						
	H409360028	OH PACKER 16	4326.04	3.89	5.820	3.875		2154		
		2 JTS 4.5 11.60 L-80 J55 CASING	4329.93	85.31						
		3.000 SLEEVE ZONE 14	4415.24	3.90	5.750		2.900	1524		
224.9		2 JTS 4.5 11.60 L-80 J55 CASING	4419.14	85.27						
	4505811871	OH PACKER 15	4504.41	3.89	5.820	3.875		2154		
		3 JTS 4.5 11.60 L-80 J55 CASING	4508.30	127.92						
		2.875 SLEEVE ZONE 13	4636.22	3.90	5.750		2.775	1524		
139.6		2 JTS 4.5 11.60 L-80 J55 CASING	4640.12	85.27						
	4505811871	OH PACKER 14	4725.39	3.89	5.820	3.875		2154		
		2 JTS 4.5 11.60 L-80 J55 CASING	4729.28	85.28						
		2.750 SLEEVE ZONE 12	4814.56	3.90	5.750		2.650	1524		
391.5		1 JT 4.5 11.60 L-80 J55 CASING	4818.46	42.65						
	4505811871	OH PACKER 13	4861.11	3.89	5.820	3.875		2154		
		9 JTS 4.5 11.60 L-80 J55 CASING	4865.00	383.76						
	4505811871	OH PACKER 12	5248.76	3.89	5.820	3.875		2154		
139.5		1 JT 4.5 11.60 L-80 J55 CASING	5252.65	42.62						
		2.625 SLEEVE ZONE 11	5295.27	3.90	5.750		2.525	1524		
		2 JTS 4.5 11.60 L-80 J55 CASING	5299.17	85.21						
	4505811871	OH PACKER 11	5384.38	3.89	5.820	3.875		2154		
139.6		2 JTS 4.5 11.60 L-80 J55 CASING	5388.27	85.27						
		2.500 SLEEVE ZONE 10	5473.54	3.90	5.750		2.400	1524		
		1 JT 4.5 11.60 L-80 J55 CASING	5477.44	42.66						
	4505811871	OH PACKER 10	5520.10	3.89	5.820	3.875		2154		
306		7 JTS 4.5 11.60 L-80 J55 CASING	5523.99	298.49						
	H409360026	OH PACKER 9	5822.48	3.89	5.820	3.875		2154		

Operating Company Mewbourne Oil Co.
Well Name & Number 10 DM Fed Com #1H
Sales Ticket Number 6153431-1
Date 2/11/2014

Company Rep Josh Procise
Field Long Draw
BOT Service Rep Mike Martinez
District Location Odessa, TX



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	P-110	6.276	6.151	LTC / 8RD	0.03826	3,090.00	9,960	6,230	
Top Liner	4.500	11.60	L-80	3.920	3.795	LTC / 8RD	0.01492	4,544.49	10,311	8,540	
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-	
TVD		2816.00		KOP		2317.00		Open Hole	6.125	Casing Vol. (bbl)	109.6
Carry Fluid Weight (ppg)			8.4		Propan Content (ppa)					Max Drill Out Size	0

	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press	Max Rate (BPM)	Displ (BBL)
181.7		1 JT 4.5 11.60 L-80 J55 CASING	5826.37	42.63						
		2.375 SLEEVE ZONE 9	5869.00	3.90	5.750		2.275	1524		
		3 JTS 4.5 11.60 L-80 J55 CASING	5872.90	127.36						
182.3	H409360026	OH PACKER 8	6000.26	3.89	5.820	3.875		2154		
		4.5 11.60 L-80 J55 CASING	6004.15	85.30						
		2.250 SLEEVE ZONE 8	6089.45	3.90	5.750		2.150	1524		
182.3		2 JTS 4.5 11.60 L-80 J55 CASING	6093.35	85.28						
	H409360026	OH PACKER 7	6178.63	3.89	5.820	3.875		2154		
		2 JTS 4.5 11.60 L-80 J55 CASING	6182.52	85.30						
224.3		2.125 SLEEVE ZONE 7	6267.82	3.90	5.750		2.025	1524		
		2 JTS 4.5 11.60 L-80 J55 CASING	6271.72	85.28						
	H409360026	OH PACKER 6	6357.00	3.89	5.820	3.875		2154		
180.6		2 JTS 4.5 11.60 L-80 J55 CASING	6360.89	85.28						
		2.000 SLEEVE ZONE 6	6446.17	3.90	5.750		1.900	1524		
		3 JTS 4.5 11.60 L-80 J55 CASING	6450.07	127.37						
182	H409360026	OH PACKER 5	6577.44	3.89	5.820	3.875		2154		
		2 JTS 4.5 11.60 L-80 J55 CASING	6581.33	84.21						
		1.875 SLEEVE ZONE 5	6665.54	3.90	5.750		1.775	1524		
224.8		2 JTS 4.5 11.60 L-80 J55 CASING	6669.44	84.73						
	H409360026	OH PACKER 4	6754.17	3.89	5.820	3.875		2154		
		2 JTS 4.5 11.60 L-80 J55 CASING	6758.06	85.27						
		1.750 SLEEVE ZONE 4	6843.33	3.90	5.750		1.650	1524		
		2 JTS 4.5 11.60 L-80 J55 CASING	6847.23	85.26						
	4505731092	OH PACKER 3	6932.49	3.89	5.820	3.875		2154		
		2 JTS 4.5 11.60 L-80 J55 CASING	6936.38	85.27						
		1.625 SLEEVE ZONE 3	7021.65	3.90	5.750		1.525	1524		

Company Rep	<u>Josh Procise</u>
Field	<u>Long Draw</u>
BOT Service Rep	<u>Mike Martinez</u>



District Location	Odessa, TX
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