

Drilling Services
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Mewbourne Oil Co.
PO Box 5270
Hobbs, NM 88241

Date: July 3, 2018

Attention: Kyle Freidenbloom

Re: Mewbourne Oil Co.
Well: Chicago 9_8 W01L Fee Com 1H
Eddy County, New Mexico

30-015-44261

NM OIL CONSERVATION
ARTESIA DISTRICT

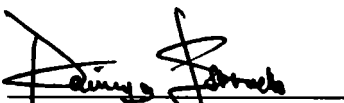
JAN 15 2019

RECEIVED

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Domingo Estrada MWD Supervisor	1H	312 MD 19,145 MD	6/6/2018 6/29/2018	Measurement While Drilling

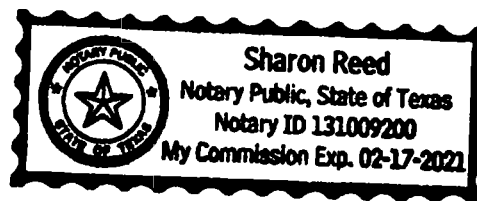
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Domingo Estrada
MWD Ops. Coordinator

On this, the 3rd day of July, 20 18, before me a notary public, the undersigned officer, personally appeared Domingo Estrada, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.


Notary Public



Mewbourne Oil Company

Field Name: *Mewbourne Oil Company (Nad 83 NMEZ)*

Site Name: *Chicago 9/8 Pad*

Well Name: *Chicago 9/8 W0IL Fee Com 1H*

File number: *13142464*

Survey: *Definitive survey*

3 July 2018



Chicago 9/8 W0IL Fee Com 1H

Field Name: Newbourne Oil Company (Nad 83 NMEZ)	Map Units: US ft	Company Name: Mewbourne Oil Company	
	Vertical Reference Datum (VRD): Mean Sea Level		
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)		
	Comment:		
Site: Chicago 9/8 Pad	Units: US ft	North Reference: Grid	Convergence Angle: 0.13
	Elevation above MSL: 3009.00 US ft		
Comment: Eddy Co., New Mexico			
Slot: Chicago 9/8 W0IL Fee Com 1H	Slot TVD Reference: Ground Elevation		
	Elevation above MSL: 3010.00 US ft		
	Comment:		
	Well:		
Well: Chicago 9/8 W0IL Fee Com 1H	Type: Main well	UWI:	
	File Number: 13142464	Comment: Patterson 217	
	Closure Distance: 9936.78 US ft	Closure Azimuth: 265.07°	
	Vertical Section: Position of Origin (Relative to Slot centre)		
	+N/-S: 0.00 US ft	+E/-W: 0.00 US ft	Az: 269.16°

Drill floor: Survey Name: Definitive Survey
Rig Height (Drill Floor): 27.00 US ft **Elevation above MSL:** 3037.00 US ft **Inclination:** 0.00° **Azimuth:** 0.00°

Survey Name: Definitive Survey				
Date: 18/Apr/2018	Survey Tool: See Survey Tool Ranges below.	Comment:	Company:	
Magnetic Model:				
Model Name: bggm2017	Date: 10/May/2018	Field Strength: 47856.0 nT	Declination: 7.18°	Dip: 59.94°
Tie Point:				
MD: 0.00 US ft	Inclination: 0.00°	Azimuth: 0.00°	TVD: 0.00 US ft	North Offset: 0.00 US ft East Offset: 0.00 US ft

Survey Tool Ranges:			
Name	Start MD(USFt)	End MD(USFt)	Source Survey
GYRO-NS-OW	0.00	164.00	Phoenix Gyro
MWD	164.00	2391.00	MWD 1
MWD	2391.00	8465.00	MWD 2
MWD	8465.00	9094.00	MWD 3
MWD	9094.00	9642.00	MWD 4

Casing Points: (Relative to Slot centre)(TVD relative to Drill Floor)								
Name	HD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)
9 5/8 in	9702.00	79.27	271.93	9470.30	-766.85	-389.71	448024.15	617675.39

Wellpath created using minimum curvature.

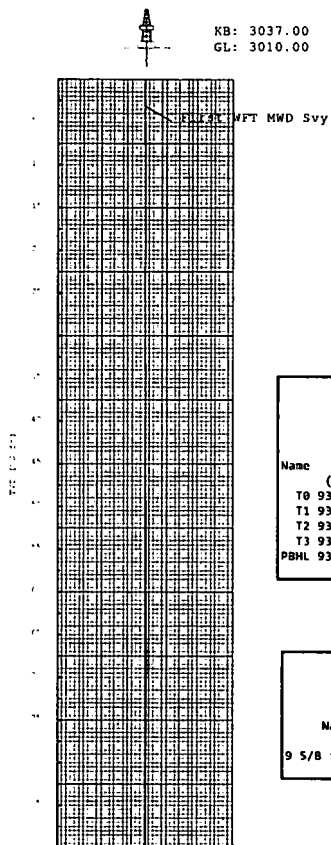
Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N. Offset (US ft)	E. Offset (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment
164.00	0.25	55.89	164.00	0.05	0.05	-0.05	0.57	448791.05	618065.05	Phoenix Gyro TieOn
312.00	0.70	346.55	312.00	-0.02	1.11	0.00	0.44	448792.11	618065.10	First WFT MWD Svy
431.00	0.95	351.18	430.98	0.28	2.80	-0.32	0.22	448793.80	618064.78	
552.00	1.07	178.32	551.98	0.40	2.66	-0.44	1.67	448793.66	618064.66	
674.00	2.92	186.44	673.90	0.78	-1.57	-0.75	1.53	448789.43	618064.35	
776.00	3.84	183.98	775.72	1.39	-7.56	-1.28	0.91	448783.44	618063.82	
839.00	4.70	184.95	838.54	1.83	-12.23	-1.65	1.37	448778.77	618063.45	
966.00	3.99	185.87	965.18	2.87	-21.81	-2.55	0.56	448769.19	618062.55	
1092.00	5.57	181.33	1090.74	3.62	-32.29	-3.14	1.29	448758.71	618061.96	
1216.00	5.36	178.26	1214.17	3.75	-44.09	-3.11	0.29	448746.91	618061.99	
1343.00	4.84	176.42	1340.67	3.40	-55.37	-2.59	0.43	448735.63	618062.51	
1469.00	3.87	180.49	1466.30	3.25	-64.93	-2.30	0.81	448726.07	618062.80	
1596.00	4.12	181.14	1593.00	3.50	-73.77	-2.42	0.20	448717.23	618062.68	
1726.00	4.87	186.20	1722.60	4.34	-83.93	-3.11	0.65	448707.07	618061.99	
1821.00	5.93	185.16	1817.17	5.35	-92.83	-3.99	1.12	448698.17	618061.11	
1916.00	6.40	177.13	1911.62	5.67	-103.00	-4.17	1.03	448688.00	618060.93	
2011.00	5.58	174.34	2006.11	5.10	-112.89	-3.44	0.92	448678.11	618061.66	
2106.00	5.35	170.81	2100.67	4.07	-121.85	-2.28	0.43	448669.15	618062.82	
2201.00	5.65	163.52	2195.24	2.16	-130.71	-0.25	0.80	448660.29	618064.85	
2296.00	5.23	168.46	2289.81	0.10	-139.44	1.94	0.66	448651.56	618067.04	
2391.00	4.49	185.73	2384.47	-0.28	-147.38	2.44	1.72	448643.62	618067.54	
2583.00	4.06	187.81	2575.94	1.60	-161.59	0.77	0.24	448629.41	618065.87	
2678.00	3.89	191.43	2670.71	2.79	-168.08	-0.33	0.32	448622.92	618064.77	
2773.00	5.04	179.44	2765.42	3.50	-175.41	-0.93	1.55	448615.59	618064.17	
2868.00	5.43	177.84	2860.03	3.42	-184.08	-0.72	0.44	448606.92	618064.38	
2962.00	5.25	177.48	2953.62	3.19	-192.82	-0.36	0.19	448598.18	618064.74	
3057.00	5.13	179.79	3048.23	3.11	-201.41	-0.15	0.25	448589.59	618064.95	
3152.00	5.26	181.89	3142.84	3.36	-210.01	-0.28	0.24	448580.99	618064.82	
3247.00	5.05	183.03	3237.45	3.85	-218.54	-0.65	0.25	448572.46	618064.45	
3342.00	4.62	181.86	3332.12	4.31	-226.54	-0.99	0.46	448564.46	618064.11	
3437.00	4.35	183.39	3426.82	4.76	-233.96	-1.33	0.31	448557.04	618063.77	
3532.00	5.22	178.83	3521.49	5.00	-241.87	-1.45	1.00	448549.13	618063.65	
3627.00	5.45	177.86	3616.08	4.87	-250.70	-1.20	0.26	448540.30	618063.90	
3722.00	5.26	179.43	3710.67	4.79	-259.56	-0.99	0.25	448531.44	618064.11	
3817.00	5.06	178.88	3805.28	4.79	-268.11	-0.86	0.22	448522.89	618064.24	
3912.00	4.89	180.00	3899.92	4.83	-276.35	-0.78	0.21	448514.65	618064.32	
4007.00	4.56	181.12	3994.60	5.02	-284.17	-0.85	0.36	448506.83	618064.25	
4102.00	5.33	180.60	4089.25	5.26	-292.36	-0.97	0.81	448498.64	618064.13	
4197.00	5.25	180.61	4183.84	5.48	-301.12	-1.06	0.08	448489.88	618064.04	
4292.00	5.05	181.60	4278.46	5.77	-309.64	-1.23	0.23	448481.36	618063.87	
4386.00	4.99	182.83	4372.10	6.20	-317.86	-1.54	0.13	448473.14	618063.56	
4482.00	4.95	183.42	4467.74	6.78	-326.16	-2.00	0.07	448464.84	618063.10	
4577.00	4.76	182.19	4562.40	7.29	-334.19	-2.39	0.23	448456.81	618062.71	
4672.00	5.66	186.72	4657.00	8.12	-342.79	-3.09	1.04	448448.21	618062.01	
4766.00	5.60	186.79	4750.55	9.34	-351.94	-4.18	0.06	448439.06	618060.92	
4862.00	4.95	187.99	4846.14	10.59	-360.70	-5.31	0.69	448430.30	618059.79	

5146.00	4.82	180.63	5129.18	12.91	-383.90	-7.28	0.04	448407.10	618057.82
5241.00	4.60	182.32	5223.86	13.22	-391.69	-7.48	0.27	448399.31	618057.62
5336.00	4.22	184.57	5318.58	13.76	-398.98	-7.91	0.44	448392.02	618057.19
5431.00	5.10	178.19	5413.26	14.02	-406.69	-8.06	1.07	448384.31	618057.04
5526.00	4.71	179.26	5507.92	13.95	-414.81	-7.87	0.42	448376.19	618057.23
5621.00	4.72	180.20	5602.60	14.03	-422.62	-7.84	0.08	448368.38	618057.26
5716.00	4.47	180.17	5697.29	14.17	-430.23	-7.86	0.26	448360.77	618057.24
5810.00	5.50	178.97	5790.93	14.22	-438.40	-7.79	1.10	448352.60	618057.31
5905.00	5.25	179.93	5885.52	14.26	-447.29	-7.70	0.28	448343.71	618057.40
6000.00	5.05	181.22	5980.13	14.47	-455.82	-7.79	0.24	448335.18	618057.31
6095.00	4.59	186.39	6074.80	15.10	-463.78	-8.30	0.67	448327.22	618056.80
6190.00	4.51	185.15	6169.50	15.96	-471.28	-9.06	0.13	448319.72	618056.04
6285.00	4.71	174.96	6264.19	16.07	-478.88	-9.05	0.89	448312.12	618056.05
6380.00	4.99	184.72	6358.85	16.18	-486.88	-9.05	0.92	448304.12	618056.05
6475.00	4.02	201.60	6453.56	17.85	-494.10	-10.61	1.72	448296.90	618054.49
6569.00	3.72	193.24	6547.35	19.85	-500.13	-12.52	0.68	448290.87	618052.58
6664.00	4.34	187.80	6642.11	21.14	-506.69	-13.72	0.77	448284.31	618051.38
6759.00	5.18	169.22	6736.79	20.94	-514.47	-13.40	1.84	448276.53	618051.70
6854.00	3.27	191.18	6831.53	20.77	-521.34	-13.13	2.60	448269.66	618051.97
6949.00	4.54	177.57	6926.31	21.23	-527.75	-13.49	1.65	448263.25	618051.61
7043.00	6.41	168.14	7019.88	20.12	-536.61	-12.26	2.20	448254.39	618052.84
7138.00	6.73	168.39	7114.26	18.07	-547.25	-10.05	0.34	448243.75	618055.05
7233.00	5.29	174.15	7208.73	16.64	-557.06	-8.48	1.64	448233.94	618056.62
7327.00	5.35	175.61	7302.33	16.00	-565.74	-7.70	0.16	448225.26	618057.40
7421.00	6.24	180.22	7395.85	15.82	-575.22	-7.39	1.07	448215.78	618057.71
7516.00	5.44	187.14	7490.36	16.54	-584.85	-7.97	1.12	448206.15	618057.13
7611.00	6.26	183.12	7584.86	17.52	-594.49	-8.81	0.96	448196.51	618056.29
7706.00	5.50	179.70	7679.36	17.92	-604.21	-9.07	0.88	448186.79	618056.03
7800.00	5.11	181.97	7772.96	18.17	-612.90	-9.19	0.47	448178.10	618055.91
7895.00	5.19	174.46	7867.58	18.03	-621.41	-8.92	0.71	448169.59	618056.18
7990.00	5.76	167.86	7962.14	16.74	-630.34	-7.50	0.89	448160.66	618057.60
8085.00	5.31	166.89	8056.70	14.87	-639.29	-5.50	0.48	448151.71	618059.60
8181.00	4.24	170.52	8152.36	13.39	-647.11	-3.91	1.16	448143.89	618061.19
8276.00	4.54	179.05	8247.09	12.86	-654.34	-3.27	0.76	448136.66	618061.83
8371.00	5.25	180.77	8341.74	12.97	-662.44	-3.26	0.76	448128.56	618061.84
8465.00	5.54	184.86	8435.32	13.55	-671.26	-3.70	0.51	448119.74	618061.40
8521.00	5.06	186.49	8491.08	14.13	-676.41	-4.21	0.90	448114.59	618060.89
8616.00	7.24	180.08	8585.53	14.76	-686.56	-4.69	2.40	448104.44	618060.41
8711.00	5.58	174.11	8679.94	14.45	-697.14	-4.23	1.88	448093.86	618060.87
8805.00	4.19	172.24	8773.59	13.63	-705.09	-3.30	1.49	448085.91	618061.80
8900.00	4.01	182.86	8868.35	13.43	-711.85	-2.99	0.82	448079.15	618062.11
8999.00	3.89	187.75	8967.12	14.15	-718.63	-3.62	0.36	448072.37	618061.48
9030.00	3.80	191.68	8998.05	14.53	-720.68	-3.97	0.90	448070.32	618061.13
9062.00	6.90	200.60	9029.90	15.47	-723.52	-4.86	10.00	448067.48	618060.24
9094.00	9.26	217.04	9061.59	17.75	-727.37	-7.09	10.25	448063.63	618058.01
9124.00	12.32	236.23	9091.06	21.92	-731.08	-11.20	15.60	448059.92	618053.90
9156.00	15.87	237.94	9122.10	28.53	-735.30	-17.75	11.17	448055.70	618047.35
9188.00	18.64	238.40	9152.65	36.67	-740.31	-25.82	8.67	448050.69	618039.28
9219.00	20.93	241.63	9181.82	45.84	-745.53	-34.91	8.18	448045.47	618030.19
9251.00	24.79	249.65	9211.31	57.24	-750.59	-46.24	15.48	448040.41	618018.86
9283.00	28.26	254.36	9239.94	70.89	-754.96	-59.83	12.67	448036.04	618005.27
9314.00	32.36	258.27	9266.70	86.14	-758.63	-75.03	14.67	448032.37	617990.07
9346.00	36.08	260.22	9293.16	103.86	-761.97	-92.70	12.12	448029.03	617972.40
9378.00	39.06	260.73	9318.52	123.15	-765.20	-111.94	9.36	448025.80	617953.16
9409.00	44.91	263.64	9341.55	143.72	-767.99	-132.48	19.88	448023.01	617932.62
9441.00	49.12	265.45	9363.37	167.05	-770.20	-155.78	13.79	448020.80	617909.32
9473.00	52.14	268.75	9383.67	191.76	-771.43	-180.47	12.35	448019.57	617884.63

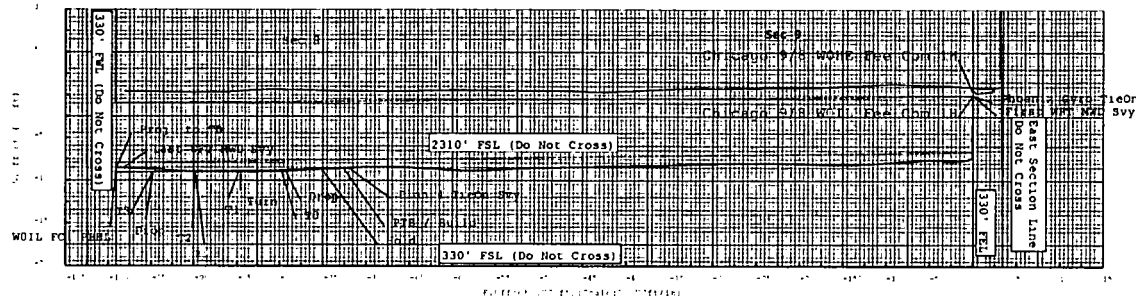
9568.00	64.79	270.84	9432.79	272.82	-770.81	-261.55	11.47	448020.19	617803.55
9600.00	69.66	271.69	9445.18	302.30	-770.16	-291.04	15.41	448020.84	617774.06
9631.00	74.28	271.91	9454.77	331.73	-769.23	-320.49	14.92	448021.77	617744.61
9642.00	76.22	272.02	9457.57	342.36	-768.87	-331.12	17.66	448022.13	617733.98
9782.00	83.34	271.81	9482.39	479.89	-764.27	-468.73	5.09	448026.73	617596.37
9877.00	90.49	268.21	9487.51	574.66	-764.26	-563.52	8.42	448026.74	617501.58
9972.00	90.91	266.42	9486.35	669.60	-768.71	-658.40	1.94	448022.29	617406.70
10066.00	92.17	267.26	9483.82	763.49	-773.89	-752.22	1.61	448017.11	617312.88
10161.00	92.52	266.83	9479.93	858.34	-778.78	-847.02	0.58	448012.22	617218.08
10256.00	92.10	266.13	9476.10	953.16	-784.61	-941.76	0.86	448006.39	617123.34
10351.00	87.55	264.33	9476.39	1047.91	-792.51	-1036.40	5.15	447998.49	617028.70
10446.00	88.81	265.73	9479.41	1142.61	-800.73	-1130.99	1.98	447990.27	616934.11
10541.00	91.75	267.05	9478.95	1237.49	-806.71	-1225.79	3.39	447984.29	616839.31
10636.00	88.04	266.92	9479.12	1332.40	-811.71	-1320.64	3.91	447979.29	616744.46
10731.00	92.24	268.42	9478.89	1427.35	-815.57	-1415.54	4.69	447975.43	616649.56
10825.00	92.52	269.42	9474.98	1521.26	-817.34	-1509.44	1.10	447973.66	616555.66
10920.00	88.25	269.70	9474.35	1616.24	-818.07	-1604.42	4.50	447972.93	616460.68
11015.00	94.48	273.03	9472.08	1711.08	-815.81	-1699.30	7.43	447975.19	616365.80
11110.00	93.57	272.12	9465.42	1805.67	-811.56	-1793.97	1.35	447979.44	616271.13
11205.00	92.73	271.48	9460.19	1900.43	-808.58	-1888.78	1.11	447982.42	616176.32
11300.00	88.95	270.75	9458.80	1995.35	-806.73	-1983.73	4.05	447984.27	616081.37
11395.00	89.79	271.56	9459.85	2090.28	-804.81	-2078.70	1.23	447986.19	615986.40
11489.00	91.61	272.06	9458.70	2184.17	-801.85	-2172.65	2.01	447989.15	615892.45
11584.00	87.90	270.77	9459.10	2279.08	-799.50	-2267.60	4.13	447991.50	615797.50
11679.00	91.26	269.91	9459.80	2374.04	-798.94	-2362.58	3.65	447992.06	615702.52
11773.00	91.68	269.81	9457.39	2468.00	-799.17	-2456.55	0.46	447991.83	615608.55
11868.00	90.00	269.54	9456.00	2562.98	-799.71	-2551.53	1.79	447991.29	615513.57
11963.00	92.10	269.71	9454.26	2657.96	-800.33	-2646.51	2.22	447990.67	615418.59
12058.00	92.31	268.88	9450.60	2752.89	-801.50	-2741.43	0.90	447989.50	615323.67
12153.00	91.26	269.38	9447.64	2847.84	-802.94	-2836.37	1.22	447988.06	615228.73
12248.00	90.07	268.48	9446.54	2942.83	-804.71	-2931.35	1.57	447986.29	615133.75
12343.00	89.09	267.63	9447.24	3037.81	-807.94	-3026.29	1.37	447983.06	615038.81
12438.00	92.94	269.49	9445.55	3132.76	-810.32	-3121.22	4.50	447980.68	614943.88
12533.00	86.15	267.47	9446.31	3227.69	-812.84	-3216.12	7.46	447978.16	614848.98
12628.00	87.69	267.18	9451.41	3322.51	-817.27	-3310.88	1.65	447973.73	614754.22
12723.00	90.98	268.74	9452.51	3417.46	-820.65	-3405.80	3.83	447970.35	614659.30
12819.00	91.47	268.78	9450.46	3513.44	-822.72	-3501.75	0.51	447968.28	614563.35
12914.00	90.49	268.53	9448.84	3608.42	-824.95	-3596.71	1.06	447966.05	614468.39
13009.00	91.26	269.73	9447.39	3703.41	-826.40	-3691.69	1.50	447964.60	614373.41
13104.00	89.37	269.44	9446.86	3798.40	-827.08	-3786.68	2.01	447963.92	614278.42
13198.00	90.98	269.42	9446.58	3892.39	-828.02	-3880.67	1.71	447962.98	614184.43
13293.00	89.23	268.86	9446.40	3987.39	-829.45	-3975.66	1.93	447961.55	614089.44
13388.00	90.07	268.50	9446.98	4082.38	-831.63	-4070.63	0.96	447959.37	613994.47
13483.00	91.12	268.81	9446.00	4177.37	-833.86	-4165.59	1.15	447957.14	613899.51
13578.00	89.93	268.23	9445.13	4272.36	-836.32	-4260.56	1.39	447954.68	613804.54
13673.00	90.63	268.33	9444.66	4367.35	-839.17	-4355.51	0.74	447951.83	613709.59
13769.00	89.44	268.06	9444.60	4463.33	-842.19	-4451.46	1.27	447948.81	613613.64
13864.00	91.89	268.83	9443.50	4558.31	-844.77	-4546.41	2.70	447946.23	613518.69
13959.00	90.56	268.32	9441.47	4653.28	-847.13	-4641.36	1.50	447943.87	613423.74
14054.00	89.23	267.51	9441.64	4748.25	-850.59	-4736.29	1.64	447940.41	613328.81
14149.00	90.28	269.19	9442.05	4843.24	-853.32	-4831.25	2.09	447937.68	613233.85
14244.00	90.28	269.21	9441.59	4938.24	-854.65	-4926.24	0.02	447936.35	613138.86
14339.00	88.95	268.37	9442.22	5033.23	-856.66	-5021.21	1.66	447934.34	613043.89
14434.00	92.31	269.23	9441.18	5128.21	-858.65	-5116.17	3.65	447932.35	612948.93
14529.00	89.09	267.23	9440.02	5223.17	-861.58	-5211.10	3.99	447929.42	612854.00
14624.00	92.03	267.33	9439.09	5318.11	-866.09	-5305.98	3.10	447924.91	612759.12
14718.00	88.95	266.50	9438.29	5412.02	-871.15	-5399.83	3.39	447919.85	612665.27

15002.00	92.80	268.90	9425.37	5695.60	-880.78	-5683.29	1.32	447910.22	612381.81	
15097.00	89.72	267.71	9423.28	5790.55	-883.59	-5778.22	3.48	447907.41	612286.88	
15191.00	92.17	272.51	9421.73	5884.49	-883.41	-5872.17	5.73	447907.59	612192.93	
15286.00	89.86	271.88	9420.04	5979.33	-879.77	-5967.08	2.52	447911.23	612098.02	
15380.00	90.00	273.63	9420.16	6073.15	-875.25	-6060.97	1.87	447915.75	612004.13	
15475.00	92.10	273.74	9418.42	6167.83	-869.15	-6155.75	2.21	447921.85	611909.35	
15569.00	88.95	272.79	9417.56	6261.57	-863.79	-6249.58	3.50	447927.21	611815.52	
15664.00	89.44	273.98	9418.89	6356.30	-858.19	-6344.40	1.35	447932.81	611720.70	
15759.00	89.44	273.64	9419.82	6450.98	-851.87	-6439.19	0.36	447939.13	611625.91	
15853.00	93.79	273.67	9417.17	6544.63	-845.89	-6532.94	4.63	447945.11	611532.16	
15948.00	90.42	271.35	9413.68	6639.39	-841.73	-6627.76	4.31	447949.27	611437.34	
16042.00	91.12	269.35	9412.42	6733.35	-841.16	-6721.75	2.25	447949.84	611343.35	
16137.00	92.38	268.86	9409.52	6828.31	-842.64	-6816.69	1.42	447948.36	611248.41	
16231.00	92.39	269.03	9405.61	6922.23	-844.37	-6910.59	0.18	447946.63	611154.51	
16326.00	93.86	268.90	9400.43	7017.08	-846.08	-7005.43	1.55	447944.92	611059.67	
16420.00	92.45	267.10	9395.25	7110.91	-849.36	-7099.22	2.43	447941.64	610965.88	
16515.00	87.83	266.29	9395.02	7205.80	-854.83	-7194.04	4.94	447936.17	610871.06	
16609.00	87.90	266.24	9398.52	7299.61	-860.95	-7287.77	0.09	447930.05	610777.33	
16704.00	88.67	266.76	9401.37	7394.47	-866.75	-7382.55	0.98	447924.25	610682.55	
16798.00	91.89	267.79	9400.91	7488.40	-871.22	-7476.43	3.60	447919.78	610588.67	
16892.00	94.28	268.97	9395.85	7582.25	-873.87	-7570.25	2.83	447917.13	610494.85	
16987.00	93.43	268.33	9389.46	7677.03	-876.11	-7665.01	1.12	447914.89	610400.09	
17082.00	89.58	266.26	9386.97	7771.92	-880.59	-7759.85	4.60	447910.41	610305.25	
17177.00	92.17	267.31	9385.52	7866.82	-885.92	-7854.68	2.94	447905.08	610210.42	
17272.00	89.23	266.58	9384.36	7961.73	-890.98	-7949.52	3.19	447900.02	610115.58	
17367.00	90.42	267.27	9384.65	8056.66	-896.07	-8044.38	1.45	447894.93	610020.72	
17461.00	92.87	269.69	9381.95	8150.60	-898.57	-8138.30	3.66	447892.43	609926.80	
17556.00	90.84	268.55	9378.87	8245.54	-900.03	-8233.23	2.45	447890.97	609831.87	
17651.00	92.24	269.96	9376.32	8340.50	-901.26	-8328.18	2.09	447889.74	609736.92	
17746.00	90.35	269.37	9374.17	8435.47	-901.82	-8423.15	2.08	447889.18	609641.95	
17841.00	94.35	270.93	9370.28	8530.35	-901.57	-8518.05	4.52	447889.43	609547.05	
17936.00	92.66	269.84	9364.47	8625.15	-900.93	-8612.87	2.12	447890.07	609452.23	
18031.00	91.54	270.09	9360.99	8720.07	-900.99	-8707.80	1.21	447890.01	609357.30	
18126.00	93.08	270.42	9357.16	8814.98	-900.57	-8802.72	1.66	447890.43	609262.38	
18221.00	91.19	269.99	9353.62	8909.89	-900.23	-8897.65	2.04	447890.77	609167.45	
18315.00	91.54	271.27	9351.38	9003.83	-899.20	-8991.61	1.41	447891.80	609073.49	
18410.00	93.01	273.97	9347.61	9098.57	-894.86	-9086.43	3.23	447896.14	608978.67	
18505.00	92.38	274.06	9343.14	9193.12	-888.21	-9181.09	0.67	447902.79	608884.01	
18600.00	89.30	273.07	9341.75	9287.82	-882.31	-9275.88	3.41	447908.69	608789.22	
18695.00	91.75	272.96	9340.88	9382.59	-877.31	-9370.74	2.58	447913.69	608694.36	
18790.00	91.33	272.41	9338.33	9477.38	-872.86	-9465.60	0.73	447918.14	608599.50	
18885.00	90.98	271.78	9336.41	9572.24	-869.39	-9560.52	0.76	447921.61	608504.58	
18980.00	89.23	273.29	9336.24	9667.06	-865.19	-9655.42	2.43	447925.81	608409.68	
19075.00	87.83	272.50	9338.67	9761.83	-860.39	-9750.26	1.69	447930.61	608314.84	
19145.00	87.76	272.42	9341.37	9831.66	-857.39	-9820.15	0.15	447933.61	608244.95	
19225.00	87.76	272.42	9344.49	9911.47	-854.02	-9900.01	0.00	447936.98	608165.09	Last WFT MWD Svy Proj. to TD

Plan vs Actual



KB: 3037.00
GL: 3010.00



Plan Data for Chicago 9/8 W0IL Fee Com 1H

Target Set Information:
Name: W0IL FC1

Position offsets from Slot centre

Name	TVD Elevation (USft)	+N/-S (USft)	+E/-W Northing (USft)	Easting (USft)
T0 9381.00	-6344.00	-878.61	-7978.30	447912.39
T1 9371.00	-6334.00	-888.69	-8478.01	447902.31
T2 9361.00	-6324.00	-896.05	-8977.85	447894.95
T3 9351.00	-6314.00	-903.38	-9477.70	447887.62
PBHL 9342.58	-6305.58	-909.70	-9988.28	447881.30

Plan Data for Chicago 9/8 W0IL Fee Com 1H

Casing Point Information:
Position offsets from Slot centre

Name	MD	TVD	+N/-S (USft)	+E/-W Northing (USft)	Easting (USft)
9 5/8 in	9702.00	9470.30	-766.85	-389.71	448024.15

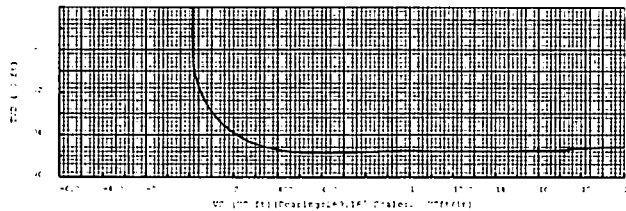
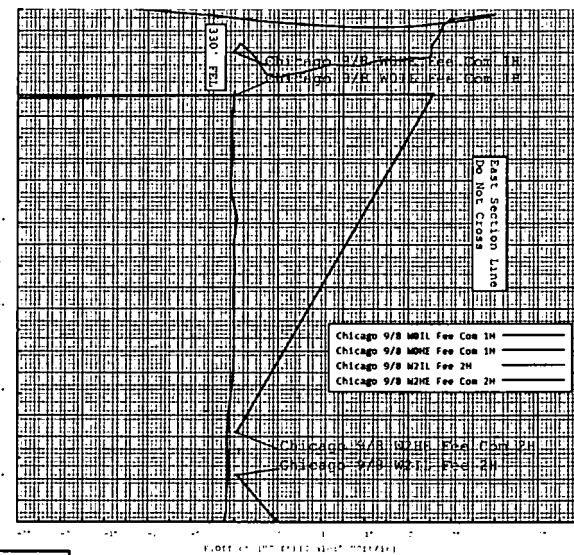
Plan Data for Chicago 9/8 W0IL Fee Com 1H

Field: Mewbourne Oil Company (Nad 83 NMEZ)
Map Unit: USft
Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / New Mexico East (ftUS)

Site: Chicago 9/8 Pad
Unit: USFeet
TVD Reference: Company Name: Mewbourne Oil Company
Position: Northing: 448841.00USft Latitude: 32.233696°
Easting: 618064.80USft Longitude: -104.085185°
North Reference: Grid Grid Convergence: 0.13°
Elevation Above VRD: 3089.00USft
Comment: Eddy Co., New Mexico

Slot: Chicago 9/8 W0IL Fee Com 1H
Position:
Offset is from Site centre
+N/-S: -50.00USft Northing: 448791.00USft Latitude: 32.233559°
+E/-W: 0.30USft Easting: 618065.10USft Longitude: -104.085185°
Elevation Above VRD: 3010.00USft

Well: Chicago 9/8 W0IL Fee Com 1H
Type: Main-Well
File Number: 13142464
Plan Folder: P4
Plan: P4:V2
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft
+E/-W: 0.00USft
Azimuth: 269.16°
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
bggm2017 47856(nT) 7.18° 59.94° 2018-05-10
Comment: Patterson 217



Plan Data for Chicago 9/8 W0IL Fee Com 1H

Plan Point Information:
Dogleg Severity Unit: */100.00ft
Position offsets from Slot centre

MD	Inc	Az	TVD	+N/-S (USft)	+E/-W Northing (USft)	Easting (USft)	VSec (USft)	DLS Comments (DLSU)
16515.00	87.83	266.29	9395.02	-854.83	-7194.04	447936.17	610871.06	7205.80
16580.00	87.83	266.29	9397.48	-859.04	-7258.86	447931.96	610806.24	7270.67
16829.01	92.08	268.89	9397.69	-869.50	-7507.57	447921.50	610557.53	7519.51
17253.57	92.08	268.89	9382.31	-877.69	-7931.77	447913.31	610133.33	7943.78
17300.13	91.15	268.84	9381.00	-878.61	-7978.30	447912.39	610086.80	7990.32
17784.19	91.15	268.84	9371.32	-888.41	-8462.17	447902.59	609602.93	8474.28
17800.04	91.15	269.16	9371.00	-888.69	-8478.01	447902.31	609587.09	8490.13
18299.87	91.15	269.16	9361.00	-896.05	-8977.69	447894.95	609087.41	8989.86
18300.04	91.15	269.16	9361.00	-896.05	-8977.86	447894.95	609087.24	8990.03
18798.75	91.15	269.16	9351.03	-903.38	-9476.42	447887.62	608588.68	9488.64
18800.04	91.12	269.16	9351.00	-903.39	-9477.70	447887.61	608587.40	9489.93
19239.67	91.12	269.16	9342.58	-909.71	-9988.28	447881.30	608156.90	9920.47

