

OPERATOR
WELL/LEASE
COUNTY

MEWBOURNE OIL COMPANY
SALT DRAW 2 CN FEE 002H
EDDY

187-0014

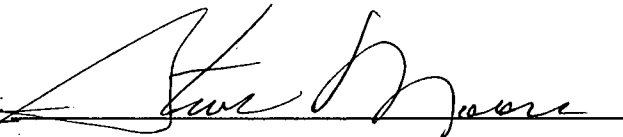
STATE OF NEW MEXICO
DEVIATION REPORT

30-015-41729

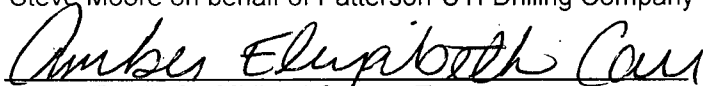
239	1.11
378	1.00
549	1.76
819	0.86
1,098	0.00
2,293	6.65
2,500	5.39
2,626	4.70
3,098	2.90
3,568	1.20
4,040	0.60
4,511	1.00
4,981	1.10
5,452	0.80
5,922	1.70
6,422	1.70
6,920	1.90
7,383	1.60
7,819	2.20
8,346	0.40
8,646	0.60
9,236	1.02
9,551	0.60

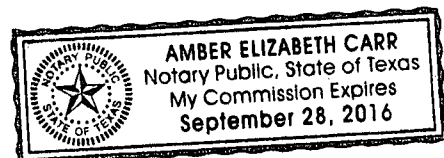
STATE OF TEXAS

COUNTY OF MIDLAND

BY: 

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


Notary Public for Midland County, Texas
My Commission Expires:



Company Name: Mewbourne Oil Co
Salt Draw 2 CN Fee #2H
Eddy County, New Mexico
Rig: Patterson #187
Created By: James Dawson
Date: 01/31/2014

Salt Draw 2 CN Fee #2H
Eddy County, New Mexico
Q130936 & WT-140030
Design #2

Mewbourne Oil Company



Azimuths to Grid North
Magnetic North: 7.35°

Magnetic Field
Strength: 48274.9snT
Dip Angle: 59.99°
Date: 1/7/2014
Model: IGRF2010



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: Salt Draw 2 CN Fee #2H

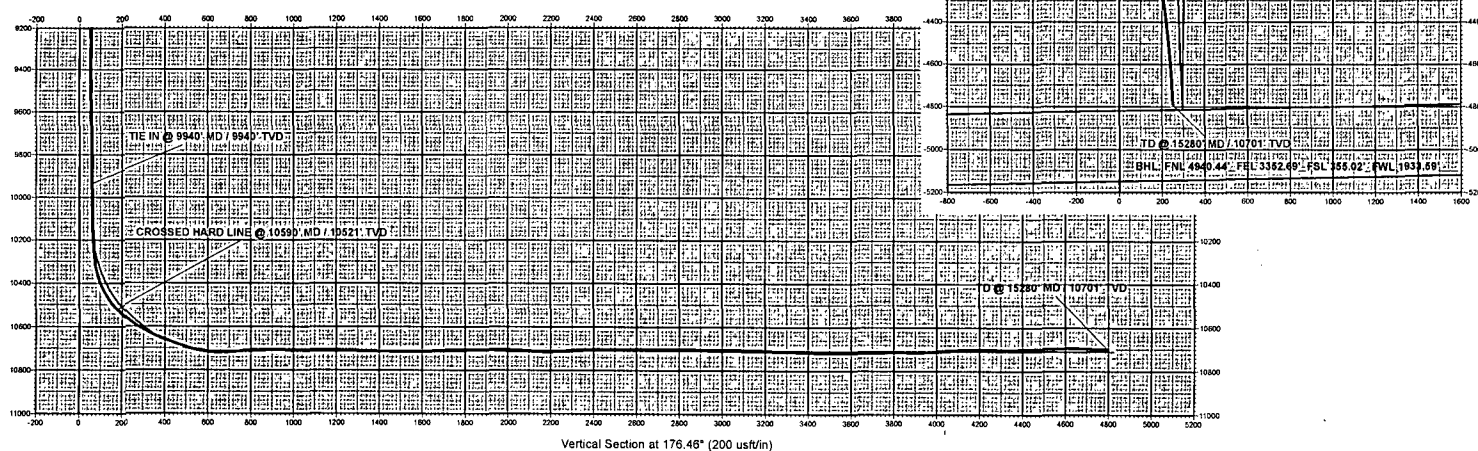
Ground Level: 2971.0
+N/-S +E/-W Northing Easting Latitude Longitude
0.0 0.0 424213.50 584394.50 32° 5' 57.549 N 104° 3' 38.146 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Salt Draw 2 CN Fee #2H - plan hits target center	10711.0	-4614.8	297.6	419398.69	584692.16	32° 5' 9.892 N	104° 3' 34.826 W

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
9940.0	2.04	246.03	9923.9	-53.9	114.0	60.9	261.5	TIE IN @ 9940' MD / 9940' TVD
10589.7	47.39	207.62	10521.0	-180.6	-66.0	176.8	482.5	CROSSED HARD LINE @ 10589' MD / 10521' TVD
15280.0	87.70	177.20	10701.4	-4790.7	351.2	4787.1	5122.4	TD @ 15280' MD / 10701' TVD



Mewbourne Oil Co

Eddy County, New Mexico

Sec 2, T25S, R28E

Salt Draw 2 CN Fee #2H

Wellbore #1

Design: Wellbore #1

DDC Survey Report

31 January, 2014



DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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 2, T25S, R28E		
Site Position:		Northing:	424,213.50 usft
From:	Map	Easting:	584,394.60 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 57.549 N
		Longitude:	104° 3' 38.146 W
		Grid Convergence:	0.15 °

Well	Salt Draw 2 CN Fee #2H		
Well Position	+N/-S	0.0 usft	Northing: 424,213.50 usft
	+E/-W	0.0 usft	Easting: 584,394.60 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 9' 57.549 N
		Longitude:	104° 3' 38.146 W
		Ground Level:	2,971.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010	1/7/2014	7.49
			Dip Angle
			(°)
			59.99
			Field Strength
			(nT)
			48,275

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			176.46

Survey Program	Date	1/31/2014		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
100.0	9,940.0	VES Gyro (Wellbore #1)	Good_gyro	Good Gyro
10,018.0	15,280.0	MWD (Wellbore #1)	MWD default	MWD - Standard

Survey										
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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.41	105.28	100.0	-0.1	0.3	0.1	0.41	0.41	0.00	
200.0	1.12	80.44	200.0	0.0	1.7	0.1	0.77	0.71	-24.84	
300.0	1.27	81.72	300.0	0.3	3.7	-0.1	0.15	0.15	1.28	
400.0	1.84	75.45	399.9	0.9	6.4	-0.5	0.59	0.57	-6.27	
500.0	1.53	63.70	499.9	1.9	9.1	-1.3	0.46	-0.31	-11.75	
600.0	1.38	56.03	599.9	3.1	11.3	-2.4	0.25	-0.15	-7.67	
700.0	0.81	44.28	699.8	4.3	12.8	-3.5	0.61	-0.57	-11.75	
800.0	0.87	35.11	799.8	5.4	13.7	-4.6	0.15	0.06	-9.17	
900.0	0.62	43.06	899.8	6.4	14.5	-5.5	0.27	-0.25	7.95	

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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)
1,000.0	1.17	34.11	999.8	7.7	15.5	-6.7	0.57	0.55	-8.95
1,100.0	0.98	21.27	1,099.8	9.3	16.4	-8.3	0.31	-0.19	-12.84
1,200.0	1.61	5.82	1,199.8	11.5	16.8	-10.5	0.71	0.63	-15.45
1,300.0	0.79	355.86	1,299.7	13.6	16.9	-12.5	0.84	-0.82	-9.96
1,400.0	0.79	349.35	1,399.7	15.0	16.7	-13.9	0.09	0.00	-6.51
1,500.0	1.24	5.51	1,499.7	16.7	16.7	-15.7	0.53	0.45	16.16
1,600.0	0.73	7.14	1,599.7	18.4	16.9	-17.4	0.51	-0.51	1.63
1,700.0	0.89	23.87	1,699.7	19.8	17.3	-18.7	0.28	0.16	16.73
1,800.0	1.02	38.59	1,799.7	21.2	18.2	-20.0	0.28	0.13	14.72
1,900.0	2.96	85.15	1,899.6	22.1	21.3	-20.7	2.38	1.94	46.56
2,000.0	3.97	90.10	1,999.4	22.3	27.3	-20.6	1.05	1.01	4.95
2,100.0	4.43	92.52	2,099.2	22.1	34.6	-19.9	0.49	0.46	2.42
2,200.0	5.89	101.14	2,198.8	21.0	43.5	-18.2	1.65	1.46	8.62
2,300.0	6.81	101.36	2,298.1	18.8	54.4	-15.4	0.92	0.92	0.22
2,400.0	7.13	98.47	2,397.4	16.7	66.3	-12.6	0.47	0.32	-2.89
2,500.0	5.99	98.60	2,496.7	15.0	77.6	-10.2	1.14	-1.14	0.13
2,600.0	4.56	102.41	2,596.3	13.4	86.7	-8.0	1.47	-1.43	3.81
2,700.0	3.52	104.69	2,696.1	11.8	93.5	-6.0	1.05	-1.04	2.28
2,800.0	3.14	101.40	2,795.9	10.4	99.2	-4.3	0.43	-0.38	-3.29
2,900.0	2.89	105.12	2,895.8	9.2	104.3	-2.8	0.32	-0.25	3.72
3,000.0	2.61	103.29	2,995.6	8.1	108.9	-1.3	0.29	-0.28	-1.83
3,100.0	2.42	107.57	3,095.6	6.9	113.2	0.1	0.27	-0.19	4.28
3,200.0	2.14	111.02	3,195.5	5.6	116.9	1.6	0.31	-0.28	3.45
3,300.0	1.79	119.47	3,295.4	4.2	120.0	3.3	0.45	-0.35	8.45
3,400.0	1.49	122.01	3,395.4	2.7	122.5	4.9	0.31	-0.30	2.54
3,500.0	0.99	137.42	3,495.3	1.4	124.2	6.3	0.60	-0.50	15.41
3,600.0	0.90	146.65	3,595.3	0.1	125.2	7.6	0.18	-0.09	9.23
3,700.0	0.97	133.33	3,695.3	-1.2	126.2	8.9	0.23	0.07	-13.32
3,800.0	0.66	119.64	3,795.3	-2.0	127.4	9.9	0.36	-0.31	-13.69
3,900.0	0.42	124.37	3,895.3	-2.5	128.2	10.4	0.24	-0.24	4.73
4,000.0	0.77	123.25	3,995.3	-3.1	129.0	11.0	0.35	0.35	-1.12
4,100.0	0.73	124.58	4,095.3	-3.8	130.1	11.8	0.04	-0.04	1.33
4,200.0	0.81	128.72	4,195.3	-4.6	131.2	12.7	0.10	0.08	4.14
4,300.0	0.59	135.26	4,295.3	-5.4	132.1	13.6	0.23	-0.22	6.54
4,400.0	0.46	147.21	4,395.3	-6.1	132.7	14.3	0.17	-0.13	11.95
4,500.0	0.49	162.86	4,495.3	-6.9	133.0	15.1	0.13	0.03	15.65
4,600.0	0.57	165.93	4,595.3	-7.8	133.3	16.0	0.08	0.08	3.07
4,700.0	0.76	153.83	4,695.3	-8.8	133.7	17.1	0.24	0.19	-12.10
4,800.0	0.99	163.02	4,795.2	-10.3	134.2	18.5	0.27	0.23	9.19
4,900.0	1.12	155.63	4,895.2	-12.0	134.9	20.3	0.19	0.13	-7.39
5,000.0	0.80	175.92	4,995.2	-13.6	135.3	21.9	0.46	-0.32	20.29
5,100.0	0.79	169.03	5,095.2	-14.9	135.5	23.3	0.10	-0.01	-6.89
5,200.0	0.50	154.07	5,195.2	-16.0	135.8	24.4	0.33	-0.29	-14.96

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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)
5,300.0	0.81	144.02	5,295.2	-17.0	136.4	25.4	0.33	0.31	-10.05
5,400.0	0.52	130.03	5,395.2	-17.8	137.2	26.3	0.33	-0.29	-13.99
5,500.0	0.23	186.19	5,495.2	-18.3	137.5	26.8	0.44	-0.29	56.16
5,600.0	0.29	170.01	5,595.2	-18.8	137.6	27.2	0.09	0.06	-16.18
5,700.0	0.37	160.42	5,695.2	-19.3	137.7	27.8	0.10	0.08	-9.59
5,800.0	0.52	172.05	5,795.2	-20.1	137.9	28.6	0.17	0.15	11.63
5,900.0	0.58	178.03	5,895.2	-21.0	138.0	29.5	0.08	0.06	5.98
6,000.0	0.75	181.72	5,995.2	-22.2	138.0	30.7	0.18	0.17	3.69
6,100.0	0.78	169.06	6,095.2	-23.5	138.1	32.0	0.17	0.03	-12.66
6,200.0	1.28	179.30	6,195.1	-25.3	138.2	33.8	0.53	0.50	10.24
6,300.0	1.38	182.77	6,295.1	-27.6	138.2	36.1	0.13	0.10	3.47
6,400.0	1.71	172.14	6,395.1	-30.3	138.3	38.8	0.44	0.33	-10.63
6,500.0	2.96	165.91	6,495.0	-34.3	139.1	42.8	1.27	1.25	-6.23
6,600.0	1.37	153.47	6,594.9	-37.9	140.3	46.5	1.65	-1.59	-12.44
6,700.0	0.62	191.55	6,694.9	-39.5	140.7	48.1	0.96	-0.75	38.08
6,800.0	0.52	175.11	6,794.9	-40.4	140.7	49.1	0.19	-0.10	-16.44
6,900.0	1.50	186.63	6,894.9	-42.2	140.6	50.8	1.00	0.98	11.52
7,000.0	1.44	201.65	6,994.9	-44.7	139.9	53.2	0.39	-0.06	15.02
7,100.0	2.33	249.57	7,094.8	-46.5	137.6	55.0	1.73	0.89	47.92
7,200.0	2.14	300.13	7,194.7	-46.3	134.0	54.5	1.92	-0.19	50.56
7,300.0	2.13	307.44	7,294.7	-44.3	131.0	52.3	0.27	-0.01	7.31
7,400.0	1.31	311.91	7,394.6	-42.4	128.6	50.2	0.83	-0.82	4.47
7,500.0	1.28	315.06	7,494.6	-40.8	127.0	48.6	0.08	-0.03	3.15
7,600.0	1.33	301.98	7,594.6	-39.4	125.2	47.1	0.30	0.05	-13.08
7,700.0	0.91	324.93	7,694.5	-38.1	123.8	45.7	0.61	-0.42	22.95
7,800.0	1.24	19.92	7,794.5	-36.5	123.7	44.0	1.03	0.33	54.99
7,900.0	2.46	43.05	7,894.5	-33.9	125.5	41.6	1.41	1.22	23.13
8,000.0	1.44	24.07	7,994.4	-31.2	127.5	39.0	1.19	-1.02	-18.98
8,100.0	1.30	18.95	8,094.4	-28.9	128.4	36.8	0.19	-0.14	-5.12
8,200.0	0.76	40.35	8,194.4	-27.4	129.2	35.3	0.65	-0.54	21.40
8,300.0	0.28	340.75	8,294.4	-26.6	129.5	34.6	0.66	-0.48	-59.60
8,400.0	0.32	239.29	8,394.4	-26.5	129.2	34.5	0.47	0.04	-101.46
8,500.0	2.86	220.04	8,494.3	-28.6	127.4	36.4	2.56	2.54	-19.25
8,600.0	2.06	213.18	8,594.2	-32.0	124.8	39.7	0.85	-0.80	-6.86
8,700.0	2.24	201.08	8,694.2	-35.3	123.1	42.9	0.49	0.18	-12.10
8,800.0	1.87	195.92	8,794.1	-38.7	121.9	46.2	0.41	-0.37	-5.16
8,900.0	1.28	183.00	8,894.1	-41.4	121.4	48.8	0.69	-0.59	-12.92
9,000.0	1.05	192.17	8,994.0	-43.4	121.2	50.8	0.30	-0.23	9.17
9,100.0	0.68	212.56	9,094.0	-44.8	120.7	52.2	0.48	-0.37	20.39
9,200.0	0.90	223.42	9,194.0	-45.9	119.8	53.2	0.27	0.22	10.86
9,300.0	0.76	224.95	9,294.0	-46.9	118.8	54.2	0.14	-0.14	1.53
9,400.0	0.69	197.07	9,394.0	-48.0	118.2	55.2	0.36	-0.07	-27.88
9,500.0	0.73	174.58	9,494.0	-49.2	118.0	56.4	0.28	0.04	-22.49

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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)
9,600.0	0.51	189.83	9,594.0	-50.3	118.0	57.5	0.27	-0.22	15.25
9,700.0	0.60	171.32	9,694.0	-51.2	118.0	58.4	0.20	0.09	-18.51
9,800.0	0.84	227.16	9,794.0	-52.2	117.6	59.4	0.71	0.24	55.84
9,900.0	2.07	248.88	9,893.9	-53.4	115.3	60.4	1.33	1.23	21.72
TIE IN @ 9940' MD / 9940' TVD									
9,940.0	2.04	246.03	9,933.9	-53.9	114.0	60.9	0.27	-0.08	-7.13
10,018.0	1.60	238.50	10,011.9	-55.1	111.8	61.9	0.64	-0.56	-9.66
10,049.0	2.90	251.70	10,042.8	-55.5	110.7	62.3	4.49	4.19	42.58
10,081.0	4.80	262.90	10,074.8	-56.0	108.6	62.6	6.36	5.94	35.00
10,113.0	6.20	259.00	10,106.6	-56.4	105.6	62.9	4.53	4.38	-12.19
10,144.0	8.20	250.00	10,137.4	-57.5	101.9	63.7	7.39	6.45	-29.03
10,176.0	10.40	251.10	10,168.9	-59.2	97.0	65.1	6.90	6.88	3.44
10,207.0	13.40	253.20	10,199.3	-61.2	90.9	66.7	9.78	9.68	6.77
10,239.0	16.40	256.00	10,230.2	-63.4	83.0	68.4	9.64	9.38	8.75
10,271.0	20.10	259.10	10,260.6	-65.5	73.2	69.9	11.95	11.56	9.69
10,304.0	22.70	252.60	10,291.3	-68.5	61.5	72.1	10.65	7.88	-19.70
10,335.0	25.60	245.70	10,319.6	-73.0	49.7	75.9	13.04	9.35	-22.26
10,367.0	29.00	239.80	10,348.0	-79.8	36.7	81.9	13.57	10.63	-18.44
10,398.0	32.20	235.40	10,374.7	-88.2	23.4	89.5	12.59	10.32	-14.19
10,430.0	35.00	230.60	10,401.4	-98.9	9.3	99.3	12.06	8.75	-15.00
10,461.0	38.00	226.60	10,426.3	-111.1	-4.5	110.6	12.35	9.68	-12.90
10,493.0	40.60	222.90	10,451.1	-125.5	-18.8	124.1	10.94	8.13	-11.56
10,525.0	42.10	216.40	10,475.1	-141.8	-32.2	139.5	14.21	4.69	-20.31
10,556.0	44.80	211.30	10,497.6	-159.5	-44.1	156.5	14.27	8.71	-16.45
10,588.0	47.20	207.80	10,519.8	-179.5	-55.4	175.7	10.87	7.50	-10.94
CROSSED HARD LINE @ 10590' MD / 10521' TVD									
10,589.7	47.39	207.62	10,521.0	-180.6	-56.0	176.8	13.44	11.17	-10.18
10,619.0	50.70	204.80	10,540.2	-200.5	-65.7	196.0	13.44	11.30	-9.65
10,650.0	53.80	200.00	10,559.2	-223.1	-75.1	218.1	15.80	10.00	-15.48
10,682.0	56.40	195.50	10,577.5	-248.1	-83.0	242.5	14.11	8.13	-14.06
10,714.0	58.00	190.50	10,594.8	-274.3	-89.1	268.3	14.05	5.00	-15.63
10,746.0	60.40	184.40	10,611.2	-301.5	-92.6	295.2	18.01	7.50	-19.06
10,778.0	62.80	180.00	10,626.4	-329.7	-93.7	323.2	14.23	7.50	-13.75
10,790.0	64.30	179.50	10,631.8	-340.4	-93.6	334.0	13.04	12.50	-4.17
10,864.0	69.60	176.30	10,660.8	-408.4	-91.1	402.0	8.19	7.16	-4.32
10,895.0	69.60	175.40	10,671.6	-437.4	-89.0	431.1	2.72	0.00	-2.90
10,927.0	71.40	173.30	10,682.3	-467.4	-86.0	461.2	8.36	5.63	-6.56
10,958.0	72.70	174.50	10,691.8	-496.7	-82.9	490.7	5.58	4.19	3.87
10,990.0	74.30	174.50	10,700.9	-527.3	-80.0	521.3	5.00	5.00	0.00
11,022.0	79.10	175.10	10,708.3	-558.3	-77.1	552.4	15.11	15.00	1.88
11,053.0	82.00	174.50	10,713.3	-588.7	-74.4	583.0	9.55	9.35	-1.94
11,085.0	84.00	175.10	10,717.2	-620.3	-71.5	614.8	6.52	6.25	1.88
11,116.0	88.40	176.10	10,719.3	-651.2	-69.1	645.7	14.55	14.19	3.23
11,148.0	94.40	176.30	10,718.5	-683.1	-67.0	677.6	18.76	18.75	0.63

DDC Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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)	
11,180.0	95.80	174.70	10,715.7	-714.9	-64.5	709.5	6.63	4.38	-5.00	
11,211.0	95.10	174.50	10,712.7	-745.6	-61.6	740.4	2.35	-2.26	-0.65	
11,243.0	92.00	175.20	10,710.7	-777.4	-58.7	772.3	9.93	-9.69	2.19	
11,275.0	91.60	175.60	10,709.7	-809.3	-56.2	804.3	1.77	-1.25	1.25	
11,306.0	92.20	174.70	10,708.7	-840.1	-53.5	835.2	3.49	1.94	-2.90	
11,370.0	89.80	172.40	10,707.6	-903.7	-46.4	899.1	5.19	-3.75	-3.59	
11,433.0	89.10	172.60	10,708.2	-966.2	-38.1	962.0	1.16	-1.11	0.32	
11,496.0	89.00	171.40	10,709.2	-1,028.6	-29.4	1,024.8	1.91	-0.16	-1.90	
11,560.0	89.30	171.50	10,710.2	-1,091.8	-19.9	1,088.5	0.49	0.47	0.16	
11,623.0	90.00	173.10	10,710.6	-1,154.3	-11.4	1,151.4	2.77	1.11	2.54	
11,686.0	90.20	173.30	10,710.5	-1,216.8	-4.0	1,214.3	0.45	0.32	0.32	
11,749.0	89.00	172.40	10,710.9	-1,279.3	3.9	1,277.1	2.38	-1.90	-1.43	
11,812.0	89.10	170.80	10,712.0	-1,341.6	13.1	1,339.9	2.54	0.16	-2.54	
11,876.0	88.50	170.30	10,713.3	-1,404.8	23.6	1,403.5	1.22	-0.94	-0.78	
11,939.0	90.00	171.20	10,714.1	-1,466.9	33.7	1,466.2	2.78	2.38	1.43	
12,002.0	89.10	169.80	10,714.6	-1,529.1	44.1	1,528.9	2.64	-1.43	-2.22	
12,065.0	91.70	171.50	10,714.2	-1,591.2	54.3	1,591.5	4.93	4.13	2.70	
12,128.0	91.90	172.10	10,712.2	-1,653.5	63.3	1,654.3	1.00	0.32	0.95	
12,191.0	91.50	172.10	10,710.3	-1,715.9	72.0	1,717.1	0.63	-0.63	0.00	
12,255.0	92.00	171.70	10,708.4	-1,779.2	81.0	1,780.9	1.00	0.78	-0.63	
12,318.0	89.70	172.60	10,707.4	-1,841.6	89.6	1,843.7	3.92	-3.65	1.43	
12,381.0	89.30	173.50	10,708.0	-1,904.2	97.2	1,906.5	1.56	-0.63	1.43	
12,444.0	88.40	174.50	10,709.2	-1,966.8	103.8	1,969.5	2.14	-1.43	1.59	
12,507.0	88.70	174.40	10,710.8	-2,029.5	109.9	2,032.4	0.50	0.48	-0.16	
12,571.0	88.50	175.20	10,712.4	-2,093.2	115.7	2,096.4	1.29	-0.31	1.25	
12,602.0	87.30	174.90	10,713.5	-2,124.1	118.4	2,127.3	3.99	-3.87	-0.97	
12,634.0	86.70	173.70	10,715.2	-2,155.9	121.5	2,159.3	4.19	-1.88	-3.75	
12,665.0	90.00	175.10	10,716.1	-2,186.7	124.6	2,190.2	11.56	10.65	4.52	
12,729.0	93.90	174.20	10,713.9	-2,250.4	130.5	2,254.1	6.25	6.09	-1.41	
12,760.0	93.30	174.90	10,712.0	-2,281.2	133.5	2,285.1	2.97	-1.94	2.26	
12,792.0	92.60	175.40	10,710.3	-2,313.0	136.2	2,317.0	2.69	-2.19	1.56	
12,824.0	93.80	177.00	10,708.6	-2,344.9	138.3	2,349.0	6.24	3.75	5.00	
12,855.0	92.50	177.00	10,706.8	-2,375.8	139.9	2,379.9	4.19	-4.19	0.00	
12,887.0	90.80	177.40	10,705.9	-2,407.8	141.5	2,411.9	5.46	-5.31	1.25	
12,919.0	89.50	177.20	10,705.8	-2,439.7	143.0	2,443.9	4.11	-4.06	-0.63	
12,950.0	89.30	178.20	10,706.2	-2,470.7	144.2	2,474.9	3.29	-0.65	3.23	
12,982.0	89.70	178.40	10,706.4	-2,502.7	145.2	2,506.9	1.40	1.25	0.63	
13,013.0	91.30	178.80	10,706.2	-2,533.7	145.9	2,537.8	5.32	5.16	1.29	
13,045.0	91.90	179.80	10,705.3	-2,565.7	146.3	2,569.8	3.64	1.88	3.13	
13,077.0	90.70	180.00	10,704.6	-2,597.6	146.4	2,601.7	3.80	-3.75	0.63	
13,108.0	89.70	180.30	10,704.5	-2,628.6	146.3	2,632.7	3.37	-3.23	0.97	
13,171.0	88.90	179.80	10,705.2	-2,691.6	146.2	2,695.5	1.50	-1.27	-0.79	
13,235.0	90.10	181.60	10,705.8	-2,755.6	145.5	2,759.4	3.38	1.88	2.81	

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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)
13,266.0	90.40	180.90	10,705.6	-2,786.6	144.8	2,790.2	2.46	0.97	-2.26
13,298.0	88.50	182.10	10,706.0	-2,818.6	143.9	2,822.1	7.02	-5.94	3.75
13,330.0	89.80	183.90	10,706.4	-2,850.6	142.3	2,853.9	6.94	4.06	5.63
13,361.0	88.80	182.30	10,706.8	-2,881.5	140.6	2,884.7	6.09	-3.23	-5.16
13,393.0	88.50	183.00	10,707.6	-2,913.5	139.1	2,916.5	2.38	-0.94	2.19
13,424.0	89.50	183.00	10,708.1	-2,944.4	137.5	2,947.3	3.23	3.23	0.00
13,456.0	89.30	182.60	10,708.4	-2,976.4	135.9	2,979.1	1.40	-0.63	-1.25
13,488.0	89.50	183.50	10,708.8	-3,008.3	134.2	3,010.9	2.88	0.63	2.81
13,520.0	89.10	184.40	10,709.2	-3,040.2	132.0	3,042.6	3.08	-1.25	2.81
13,551.0	89.30	183.90	10,709.6	-3,071.2	129.8	3,073.3	1.74	0.65	-1.61
13,583.0	90.30	185.40	10,709.7	-3,103.1	127.2	3,105.0	5.63	3.13	4.69
13,615.0	89.40	184.40	10,709.8	-3,134.9	124.4	3,136.6	4.20	-2.81	-3.13
13,646.0	87.90	183.30	10,710.5	-3,165.9	122.4	3,167.4	6.00	-4.84	-3.55
13,678.0	87.80	183.20	10,711.7	-3,197.8	120.6	3,199.1	0.44	-0.31	-0.31
13,710.0	87.80	184.20	10,712.9	-3,229.7	118.5	3,230.8	3.12	0.00	3.13
13,741.0	88.00	183.00	10,714.1	-3,260.6	116.5	3,261.6	3.92	0.65	-3.87
13,773.0	89.20	182.30	10,714.9	-3,292.6	115.1	3,293.4	4.34	3.75	-2.19
13,804.0	89.30	181.40	10,715.3	-3,323.5	114.1	3,324.3	2.92	0.32	-2.90
13,836.0	88.50	181.40	10,715.9	-3,355.5	113.3	3,356.1	2.50	-2.50	0.00
13,868.0	87.60	180.00	10,717.0	-3,387.5	112.9	3,388.0	5.20	-2.81	-4.38
13,899.0	87.70	178.40	10,718.2	-3,418.5	113.3	3,419.0	5.17	0.32	-5.16
13,931.0	89.20	177.90	10,719.1	-3,450.5	114.4	3,450.9	4.94	4.69	-1.56
13,963.0	91.20	177.70	10,719.0	-3,482.4	115.6	3,482.9	6.28	6.25	-0.63
13,995.0	91.00	177.50	10,718.4	-3,514.4	116.9	3,514.9	0.88	-0.63	-0.63
14,026.0	90.30	177.40	10,718.0	-3,545.4	118.3	3,545.9	2.28	-2.26	-0.32
14,058.0	90.10	177.40	10,717.9	-3,577.3	119.8	3,577.9	0.63	-0.63	0.00
14,089.0	91.00	176.50	10,717.6	-3,608.3	121.4	3,608.9	4.11	2.90	-2.90
14,121.0	88.90	175.20	10,717.7	-3,640.2	123.7	3,640.9	7.72	-6.56	-4.06
14,153.0	88.70	175.10	10,718.3	-3,672.1	126.4	3,672.9	0.70	-0.63	-0.31
14,184.0	89.90	174.40	10,718.7	-3,702.9	129.3	3,703.9	4.48	3.87	-2.26
14,215.0	92.90	174.90	10,717.9	-3,733.8	132.2	3,734.8	9.81	9.68	1.61
14,247.0	92.70	175.40	10,716.4	-3,765.6	134.9	3,766.8	1.68	-0.63	1.56
14,279.0	92.20	174.90	10,715.0	-3,797.5	137.6	3,798.7	2.21	-1.56	-1.56
14,310.0	88.80	171.90	10,714.7	-3,828.3	141.1	3,829.7	14.63	-10.97	-9.68
14,342.0	87.10	170.80	10,715.9	-3,859.9	145.9	3,861.5	6.33	-5.31	-3.44
14,373.0	89.80	172.30	10,716.7	-3,890.5	150.5	3,892.4	9.96	8.71	4.84
14,405.0	92.80	173.10	10,716.0	-3,922.3	154.5	3,924.3	9.70	9.38	2.50
14,437.0	93.10	173.10	10,714.4	-3,954.0	158.4	3,956.2	0.94	0.94	0.00
14,468.0	93.40	172.60	10,712.6	-3,984.7	162.2	3,987.1	1.88	0.97	-1.61
14,500.0	93.90	173.00	10,710.6	-4,016.4	166.2	4,019.0	2.00	1.56	1.25
14,532.0	94.10	172.60	10,708.3	-4,048.1	170.2	4,050.8	1.39	0.63	-1.25
14,563.0	92.90	173.50	10,706.4	-4,078.8	174.0	4,081.7	4.84	-3.87	2.90
14,595.0	92.80	173.30	10,704.8	-4,110.5	177.7	4,113.6	0.70	-0.31	-0.63
14,626.0	92.20	172.30	10,703.5	-4,141.2	181.5	4,144.6	3.76	-1.94	-3.23

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well Salt Draw 2 CN Fee #2H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2991.0usft (Patterson UTI)
Site:	Sec 2, T25S, R28E	MD Reference:	WELL @ 2991.0usft (Patterson UTI)
Well:	Salt Draw 2 CN Fee #2H	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)
14,658.0	90.10	171.50	10,702.8	-4,172.9	186.0	4,176.4	7.02	-6.56	-2.50
14,689.0	90.00	171.70	10,702.8	-4,203.6	190.6	4,207.3	0.72	-0.32	0.65
14,721.0	89.80	171.50	10,702.9	-4,235.2	195.3	4,239.2	0.88	-0.63	-0.63
14,752.0	89.50	170.80	10,703.1	-4,265.9	200.0	4,270.1	2.46	-0.97	-2.26
14,784.0	88.90	170.50	10,703.5	-4,297.4	205.2	4,301.9	2.10	-1.88	-0.94
14,815.0	89.00	170.70	10,704.1	-4,328.0	210.3	4,332.7	0.72	0.32	0.65
14,847.0	90.70	171.90	10,704.2	-4,359.7	215.1	4,364.6	6.50	5.31	3.75
14,879.0	92.40	173.50	10,703.3	-4,391.4	219.2	4,396.5	7.29	5.31	5.00
14,910.0	92.90	173.50	10,701.9	-4,422.1	222.7	4,427.5	1.61	1.61	0.00
14,942.0	93.30	173.80	10,700.1	-4,453.9	226.2	4,459.4	1.56	1.25	0.94
14,973.0	91.80	174.20	10,698.8	-4,484.7	229.5	4,490.3	5.01	-4.84	1.29
15,005.0	91.60	174.40	10,697.8	-4,516.5	232.6	4,522.3	0.88	-0.63	0.63
15,037.0	92.20	174.20	10,696.7	-4,548.4	235.8	4,554.2	1.98	1.88	-0.63
15,068.0	91.10	175.10	10,695.9	-4,579.2	238.7	4,585.2	4.58	-3.55	2.90
15,100.0	90.00	175.80	10,695.5	-4,611.1	241.2	4,617.2	4.07	-3.44	2.19
15,131.0	88.50	176.10	10,696.0	-4,642.0	243.4	4,648.2	4.93	-4.84	0.97
15,163.0	87.80	176.60	10,697.0	-4,673.9	245.5	4,680.2	2.69	-2.19	1.56
15,195.0	88.10	177.40	10,698.1	-4,705.9	247.1	4,712.2	2.67	0.94	2.50
15,230.0	87.70	177.20	10,699.4	-4,740.8	248.8	4,747.1	1.28	-1.14	-0.57
15,280.0	87.70	177.20	10,701.4	-4,790.7	251.2	4,797.1	0.00	0.00	0.00

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,940.0	9,933.9	-53.9	114.0	TIE IN @ 9940' MD / 9940' TVD
10,589.7	10,521.0	-180.6	-56.0	CROSSED HARD LINE @ 10590' MD / 10521' TVD
15,280.0	10,701.4	-4,790.7	251.2	TD @ 15280' MD / 10701' TVD

Checked By: _____ Approved By: _____ Date: _____

Company Rep	Travis Mann
Field	0
BOT Service Rep	John Davis
District Location	Odessa, TX



	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press.	Max Rate (BPM)	Displ. (BBL)
Liner Top	1		10102.39							

		JR Sleeve_S3 Hyd Set Packer	10102.39	9.55	5.313	3.875				
		4-1/2-13.5 LTC Nipple	10111.94	8.08	5.000	3.920				
		8 Joints of 4-1/2-13.5 LTC Casing	10120.02	317.27	5.000	3.920				
30		3.500" EXC Sleeve (Zone 30)	10437.29	2.40	5.750		3.400	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	10439.69	75.74	5.000	3.920				
		Baker Open Hole Packer	10515.43	3.89	5.820	3.875		2154		
29		1 Joints of 4-1/2-13.5 LTC Casing	10519.32	38.95	5.000	3.920				
		3.438" EXC Sleeve (Zone 29)	10558.27	2.40	5.750		3.338	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	10560.67	79.32	5.000	3.920				
28		Baker Open Hole Packer	10639.99	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	10643.88	79.95	5.000	3.920				
		3.375" EXC Sleeve (Zone 28)	10723.83	2.40	5.750		3.275	2286		
27		2 Joint of 4-1/2-13.5 LTC Casing	10726.23	79.65	5.000	3.920				
		Baker Open Hole Packer	10805.88	3.89	5.820	3.875		2154		
		1 Joints of 4-1/2-13.5 LTC Casing	10809.77	39.27	5.000	3.920				
26		3.313" EXC Sleeve (Zone 27)	10849.04	2.40	5.750		3.213	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	10851.44	78.92	5.000	3.920				
		Baker Open Hole Packer	10930.36	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	10934.25	80.26	5.000	3.920				
		3.250" EXC Sleeve (Zone 26)	11014.51	2.40	5.750		3.150	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	11016.91	82.18	5.000	3.920				
		Baker Open Hole Packer	11099.09	3.89	5.820	3.875		2154		

Operating Company Mewbourne Oil Co.
Well Name & Number Salt Draw 2 CN Fee #2H
Sales Ticket Number 0
Date 1/31/2014

Company Rep Travis Mann
Field 0
BOT Service Rep John Davis
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	10,785.00	9,960	6,230		
Top Liner	4.500	13.50	P-110	3.920	3.795	LTC / 8RD	0.01492	4,679.61	12,410	10,680		
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-		
TVD		10697.00		KOP		10038.00		Open Hole		6.125	Casing Vol. (bbl)	386.5
Carry Fluid Weight (ppg)			12.8		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)
25		1 Joints of 4-1/2-13.5 LTC Casing	11102.98	39.95	5.000	3.920				
		3.188" EXC Sleeve (Zone 25)	11142.93	2.40	5.750		3.088	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	11145.33	80.48	5.000	3.920				
		Baker Open Hole Packer	11225.81	3.89	5.820	3.875		2154		
24		2 Joints of 4-1/2-13.5 LTC Casing	11229.70	80.76	5.000	3.920				
		3.125" EXC Sleeve (Zone 24)	11310.46	2.40	5.750		3.025	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	11312.86	80.05	5.000	3.920				
		Baker Open Hole Packer	11392.91	3.89	5.820	3.875		2154		
23		1 Joints of 4-1/2-13.5 LTC Casing	11396.80	40.51	5.000	3.920				
		3.063" EXC Sleeve (Zone 23)	11437.31	2.40	5.750		2.963	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	11439.71	80.99	5.000	3.920				
		Baker Open Hole Packer	11520.70	3.89	5.820	3.875		2154		
22		2 Joints of 4-1/2-13.5 LTC Casing	11524.59	77.22	5.000	3.920				
		3.000" EXC Sleeve (Zone 22)	11601.81	2.40	5.750		2.900	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	11604.21	78.53	5.000	3.920				
		Baker Open Hole Packer	11682.74	3.89	5.820	3.875		2154		
21		2 Joints of 4-1/2-13.5 LTC Casing	11686.63	79.70	5.000	3.920				
		2.938" EXC Sleeve (Zone 21)	11766.33	2.40	5.750		2.838	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	11768.73	78.82	5.000	3.920				
		Baker Open Hole Packer	11847.55	3.89	5.820	3.875		2154		
20		1 Joints of 4-1/2-13.5 LTC Casing	11851.44	41.38	5.000	3.920				
		2.875" EXC Sleeve (Zone 20)	11892.82	2.40	5.750		2.775	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	11895.22	80.23	5.000	3.920				
		Baker Open Hole Packer	11975.45	3.89	5.820	3.875		2154		
19		2 Joint of 4-1/2-13.5 LTC Casing	11979.34	80.03	5.000	3.920				
		2.813" EXC Sleeve (Zone 19)	12059.37	2.40	5.750		2.713	2286		

Operating Company Mewbourne Oil Co.
 Well Name & Number Salt Draw 2 CN Fee #2H
 Sales Ticket Number 0
 Date 1/31/2014

Company Rep Travis Mann
 Field 0
 BOT Service Rep John Davis
 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	10,785.00	9,960	6,230		
Top Liner	4.500	13.50	P-110	3.920	3.795	LTC / 8RD	0.01492	4,679.61	12,410	10,680		
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-		
TVD		10697.00		KOP		10038.00		Open Hole		6.125	Casing Vol. (bbl)	386.5
Carry Fluid Weight (ppg)			12.8		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)
18		2 Joints of 4-1/2-13.5 LTC Casing	12061.77	80.03	5.000	3.920				
		Baker Open Hole Packer	12141.80	3.89	5.820	3.875		2154		
		2 Joint of 4-1/2-13.5 LTC Casing	12145.69	82.32	5.000	3.920				
		2.750" EXC Sleeve (Zone 18)	12228.01	2.40	5.750		2.650	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	12230.41	79.02	5.000	3.920				
		Baker Open Hole Packer	12309.43	3.89	5.820	3.875		2154		
17		2 Joint of 4-1/2-13.5 LTC Casing	12313.32	76.13	5.000	3.920				
		2.688" EXC Sleeve (Zone 17)	12389.45	2.40	5.750		2.588	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	12391.85	79.38	5.000	3.920				
		Baker Open Hole Packer	12471.23	3.89	5.820	3.875		2154		
16		1 Joint of 4-1/2-13.5 LTC Casing	12475.12	39.44	5.000	3.920				
		2.625" EXC Sleeve (Zone 16)	12514.56	2.40	5.750		2.525	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	12516.96	79.68	5.000	3.920				
		Baker Open Hole Packer	12596.64	3.89	5.820	3.875		2154		
15		2 Joints of 4-1/2-13.5 LTC Casing	12600.53	79.74	5.000	3.920				
		2.563" EXC Sleeve (Zone 15)	12680.27	2.40	5.750		2.463	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	12682.67	79.82	5.000	3.920				
		Baker Open Hole Packer	12762.49	3.89	5.820	3.875		2154		
14		1 Joints of 4-1/2-13.5 LTC Casing	12766.38	38.50	5.000	3.920				
		2.500" EXC Sleeve (Zone 14)	12804.88	2.40	5.750		2.400	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	12807.28	80.11	5.000	3.920				
		Baker Open Hole Packer	12887.39	3.89	5.820	3.875		2154		
13		2 Joints of 4-1/2-13.5 LTC Casing	12891.28	76.06	5.000	3.920				
		2.438" EXC Sleeve (Zone 13)	12967.34	2.40	5.750		2.338	2286		
		2 Joint of 4-1/2-13.5 LTC Casing	12969.74	80.46	5.000	3.920				
		Baker Open Hole Packer	13050.20	3.89	5.820	3.875		2154		

Operating Company Mewbourne Oil Co.
Well Name & Number Salt Draw 2 CN Fee #2H
Sales Ticket Number 0
Date 1/31/2014

Company Rep Travis Mann
Field 0
BOT Service Rep John Davis
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	10,785.00	9,960	6,230
Top Liner	4.500	13.50	P-110	3.920	3.795	LTC / 8RD	0.01492	4,679.61	12,410	10,680
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-
TVD	10697.00		KOP	10038.00		Open Hole	6.125	Casing Vol. (bbl)	386.5	
Carry Fluid Weight (ppg)	12.8		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)
12		2 Joints of 4-1/2-13.5 LTC Casing	13054.09	79.10	5.000	3.920				
		2.375" EXC Sleeve (Zone 12)	13133.19	2.40	5.750		2.275	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	13135.59	78.36	5.000	3.920				
		Baker Open Hole Packer	13213.95	3.89	5.820	3.875		2154		
11		1 Joints of 4-1/2-13.5 LTC Casing	13217.84	39.20	5.000	3.920				
		2.313" EXC Sleeve (Zone 11)	13257.04	2.40	5.750		2.213	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	13259.44	78.91	5.000	3.920				
			13338.35	3.89	5.820			2154		
10		1 Joints of 4-1/2-13.5 LTC Casing	13342.24	40.47	5.000	3.920				
		2.250" EXC Sleeve (Zone 10)	13382.71	2.40	5.750		2.150	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	13385.11	79.46	5.000	3.920				
			13464.57	3.89	5.820			2154		
9		1 Joints of 4-1/2-13.5 LTC Casing	13468.46	38.53	5.000	3.920				
		2.188" EXC Sleeve (Zone 9)	13506.99	2.40	5.750		2.088	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	13509.39	79.81	5.000	3.920				
			13589.20	3.89	5.820			2154		
8		2 Joints of 4-1/2-13.5 LTC Casing	13593.09	80.25	5.000	3.920				
		2.125" EXC Sleeve (Zone 8)	13673.34	2.40	5.750		2.025	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	13675.74	78.92	5.000	3.920				
			13754.66	3.89	5.820			2154		
7		1 Joints of 4-1/2-13.5 LTC Casing	13758.55	39.21	5.000	3.920				
		2.063" EXC Sleeve (Zone 7)	13797.76	2.40	5.750		1.963	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	13800.16	78.35	5.000	3.920				
			13878.51	3.89	5.820			2154		
6		2 Joints of 4-1/2-13.5 LTC Casing	13882.40	80.55	5.000	3.920				
		2.000" EXC Sleeve (Zone 6)	13962.95	2.40	5.750		1.900	2286		

Operating Company Mewbourne Oil Co.
 Well Name & Number Salt Draw 2 CN Fee #2H
 Sales Ticket Number 0
 Date 1/31/2014

Company Rep Travis Mann
 Field 0
 BOT Service Rep John Davis
 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	10,785.00	9,960	6,230
Top Liner	4.500	13.50	P-110	3.920	3.795	LTC / 8RD	0.01492	4,679.61	12,410	10,680
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-

TVD	10697.00	KOP	10038.00	Open Hole	6.125	Casing Vol. (bbl)	386.5
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Carry Fluid Weight (ppg)	12.8	Propan Content (ppa)		Max Drill Out Size	0
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	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press.	Max Rate (BPM)	Displ. (BBL)
5		2 Joints of 4-1/2-13.5 LTC Casing	13965.35	81.46	5.000	3.920				
			14046.81	3.89	5.820			2154		
		2 Joints of 4-1/2-13.5 LTC Casing	14050.70	79.76	5.000	3.920				
		1.938" EXC Sleeve (Zone 5)	14130.46	2.40	5.750		1.838	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	14132.86	80.13	5.000	3.920				
4			14212.99	3.89	5.820			2154		
		1 Joints of 4-1/2-13.5 LTC Casing	14216.88	40.56	5.000	3.920				
		1.875" EXC Sleeve (Zone 4)	14257.44	2.40	5.750		1.775	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	14259.84	80.49	5.000	3.920				
			14340.33	3.89	5.820			2154		
3		2 Joints of 4-1/2-13.5 LTC Casing	14344.22	79.26	5.000	3.920				
		1.813" EXC Sleeve (Zone 3)	14423.48	2.40	5.750		1.713	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	14425.88	80.23	5.000	3.920				
			14506.11	3.89	5.820			2154		
		2 Joints of 4-1/2-13.5 LTC Casing	14510.00	80.24	5.000	3.920				
2		1.75" EXC Sleeve (Zone 2)	14590.24	2.40	5.750		1.650	2286		
		2 Joints of 4-1/2-13.5 LTC Casing	14592.64	79.61	5.000	3.920				
			14672.25	3.89	5.820			2154		
		2 Joints of 4-1/2-13.5 LTC Casing	14676.14	80.79	5.000	3.920				
		BLAST JOINT	14756.93	8.04	5.000					
1		ALPHA SLEEVE	14764.97	3.75	5.750			7500		
		WIV TOOL	14768.72	2.95				1088		
		SPACER NIPPLE	14771.67	8.05	5.000	3.920				
		DOUBLE VALVE V SET SHOE	14779.72	2.28						
		DISTANCE OFF BOTTOM	14782.00	498.00						
			15280.00							