

15-42969



Newbourne Oil Company
 Project: Eddy County, NM
 Site: Derringer 18 B3DA Federal No. 2H
 Well: No. 2H
 Wellbore: Original Hole
 Design: Plan #2
 Lat: 32° 34' 43.777 N
 Long: 104° 7' 15.885 W
 Pad GL: 3261.00
 KB: WELL @ 3261.00usft (Original Well Elev)

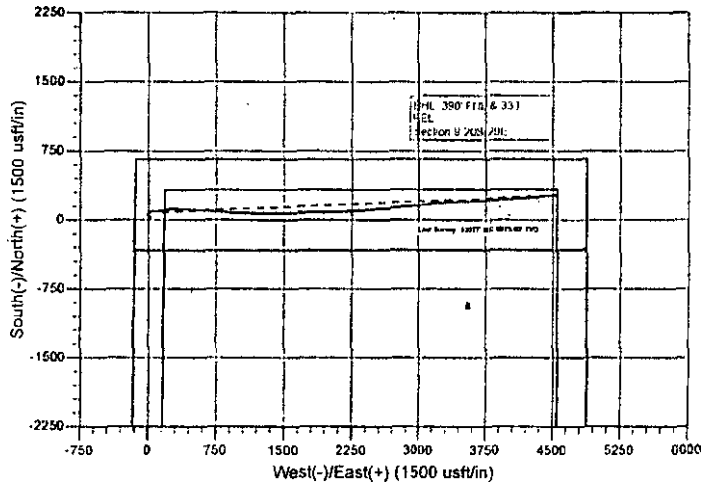
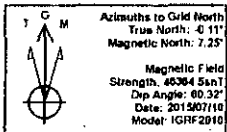


SECTION DETAILS									
MD	Inp	Azi	TVD	+N/-S	+E/-W	Diag	TFace	Vsect	
8249.00	2.00	108.37	8237.11	93.79	61.62	0.00	0.00	67.12	
8457.23	2.00	108.37	8454.21	91.39	68.62	0.00	0.00	74.10	
8183.90	89.07	87.62	8916.00	105.29	538.11	12.00	-20.78	543.44	
13188.12	89.07	87.62	8981.00	271.71	4538.35	0.00	0.00	4548.47	

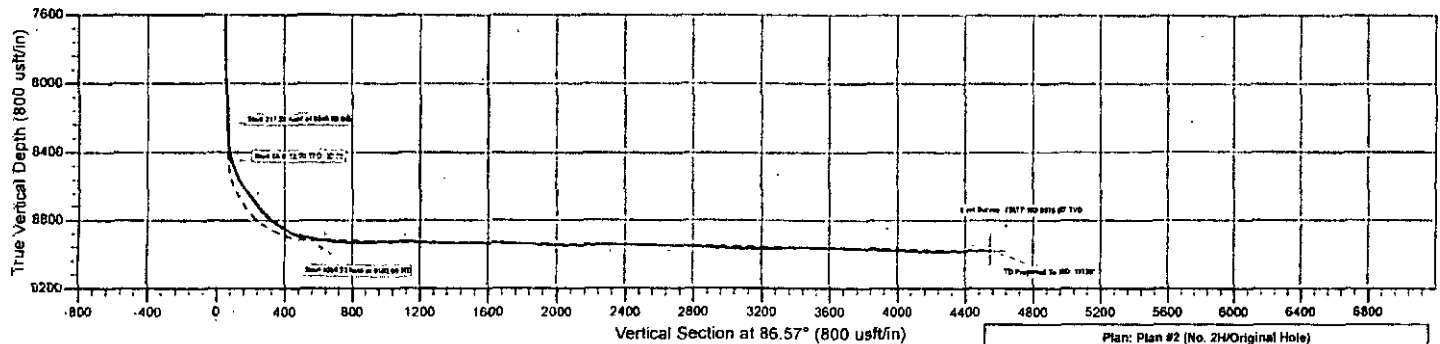
WELL DETAILS: No. 2H									
				Ground Level:		3261.00			
+N/-S	+E/-W	Northing	Easting		Latitude	Longitude			
0.00	0.00	574354.20	565372.50		32° 34' 43.777 N	104° 7' 15.885 W			

DEFORM TARGET DETAILS									
DATE	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
NO. 2H TDPSH	8981.00	271.71	4538.35	674625.91	563910.95	32° 34' 46.373 N	104° 7' 22.938 W		

PROJECT DETAILS: Eddy County, NM
 Geodetic System: US State Plane 1983 (Exact solution)
 Datum: NAD 1983 (NAD83 CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level



NOTE: All Lease lines and Hard lines are estimates only and are subject to the customers' approval.



Plan: Plan #2 (No. 2H Original Hole)
 Created By: Chris LeMaster Date: 8:35, September 11 2015

Inwell FEB 22 2016

EOW Report

RECEIVED



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well No. 2H
Project:	Eddy County, NM	TVD Reference:	WELL @ 3281.00usft (Original Well Elev)
Site:	Derringer 18 B3DA Federal No. 2H	MD Reference:	WELL @ 3281.00usft (Original Well Elev)
Well:	No. 2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Inwell

Project:	Eddy County, NM		
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: Derringer 18 B3DA Federal No. 2H					
Site Position:		Northing:	574,354.20usft	Latitude:	32° 34' 43.777 N
From:	Map	Easting:	565,372.50usft	Longitude:	104° 7' 15.985 W
Position Uncertainty:	3.30 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.11 °

Well:	No. 2H					
Well Position	+N-S	0.00 usft	Northing:	574,354.20 usft	Latitude:	32° 34' 43.777 N
	+E-W	0.00 usft	Easting:	565,372.50 usft	Longitude:	104° 7' 15.985 W
Position Uncertainty		1.10 usft	Wellhead Elevation:	usft	Ground Level:	3,261.00 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	07/10/15	7.37	60.32	48,364

Design:	Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	86.57	

Survey Program		Date	08/04/15		
From	To	Survey (Wellbore)	Tool Name	Description	
(usft)	(usft)				
100.00	8,240.00	Gyro (Original Hole)	CB-GYRO-MS	Camera based gyro multishot	
8,381.00	13,138.00	MWD (Original Hole)	MWD	MWD - Standard	

MD	Inc	Azi (azimuth)	TVD	V. Sec	N/S	E/W	DLeg
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.51	276.11	100.00	-0.44	0.05	-0.44	0.51
200.00	0.48	350.50	200.00	-0.92	0.51	-0.95	0.60
300.00	0.51	265.48	299.99	-1.41	0.89	-1.47	0.67
400.00	0.66	69.67	399.99	-1.31	1.05	-1.37	1.16
500.00	0.94	7.12	499.98	-0.60	2.07	-0.73	0.86
600.00	1.29	72.99	599.97	0.64	3.21	0.45	1.25
700.00	1.75	97.63	699.93	3.23	3.33	3.04	0.79
800.00	1.63	88.97	799.89	6.15	3.16	5.97	0.28
900.00	1.54	66.56	899.85	8.84	3.72	8.63	0.62
1,000.00	1.58	331.25	999.83	9.51	5.46	9.20	2.31

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Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well No. 2H
TVD Reference: WELL @ 3281.00usft (Original Well Elev)
MD Reference: WELL @ 3281.00usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Inwell

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	
1,100.00	1.65	328.13	1,099.79	8.23	7.89	7.78	0.11	
1,200.00	1.30	313.60	1,199.76	6.78	9.90	6.19	0.51	
1,300.00	1.23	286.25	1,299.73	4.99	10.98	4.34	0.60	
1,400.00	0.87	314.33	1,399.72	3.47	11.81	2.77	0.62	
1,500.00	0.72	279.97	1,499.71	2.35	12.45	1.61	0.49	
1,600.00	1.17	320.18	1,599.69	1.13	13.34	0.33	0.77	
1,700.00	1.36	29.09	1,699.68	1.16	15.16	0.26	1.44	
1,800.00	2.42	48.50	1,799.62	3.46	17.60	2.42	1.22	
1,900.00	2.47	48.82	1,899.53	6.83	20.42	5.62	0.05	
2,000.00	2.40	41.91	1,999.44	10.02	23.40	8.64	0.30	
2,100.00	2.22	57.10	2,099.36	13.20	26.01	11.66	0.64	
2,200.00	2.05	64.73	2,199.29	16.55	27.82	14.91	0.33	
2,300.00	1.60	63.65	2,299.24	19.49	29.20	17.78	0.45	
2,400.00	1.53	58.61	2,399.20	21.96	30.52	20.17	0.15	
2,500.00	1.20	88.86	2,499.17	24.18	31.24	22.35	0.78	
2,600.00	1.01	97.58	2,599.16	26.09	31.14	24.27	0.25	
2,700.00	1.00	107.18	2,699.14	27.78	30.77	25.98	0.17	
2,800.00	1.21	124.38	2,799.12	29.43	29.91	27.69	0.39	
2,900.00	1.44	332.19	2,899.11	29.74	30.43	27.97	2.57	
3,000.00	1.15	125.95	2,999.10	30.00	30.95	28.20	2.52	
3,100.00	1.26	102.42	3,099.08	31.83	30.12	30.08	0.50	
3,200.00	1.23	274.93	3,199.07	31.83	29.98	30.09	2.48	
3,300.00	1.25	288.45	3,299.05	29.75	30.42	27.98	0.29	
3,400.00	1.34	294.17	3,399.02	27.71	31.24	25.88	0.16	
3,500.00	1.27	300.16	3,499.00	25.75	32.28	23.86	0.15	
3,600.00	1.50	293.59	3,598.97	23.66	33.36	21.70	0.28	
3,700.00	1.53	304.08	3,698.93	21.43	34.63	19.40	0.28	
3,800.00	1.49	309.77	3,798.90	19.43	36.21	17.29	0.16	
3,900.00	1.81	312.66	3,898.86	17.38	38.11	15.13	0.33	
4,000.00	1.93	313.87	3,998.80	15.15	40.35	12.75	0.13	
4,100.00	1.91	318.47	4,098.75	12.97	42.76	10.44	0.16	
4,200.00	1.81	318.46	4,198.70	10.97	45.19	8.28	0.10	
4,300.00	1.64	332.55	4,298.65	9.41	47.64	6.58	0.46	
4,400.00	1.99	326.02	4,398.60	7.95	50.35	4.95	0.41	
4,500.00	2.11	338.26	4,498.54	6.49	53.50	3.29	0.45	
4,600.00	2.57	340.11	4,598.45	5.28	57.32	1.85	0.47	
4,700.00	2.59	345.80	4,698.35	4.22	61.62	0.53	0.26	
4,800.00	2.48	349.38	4,798.25	3.52	65.94	-0.42	0.19	
4,900.00	1.50	355.66	4,898.19	3.23	69.37	-0.92	1.00	
5,000.00	1.35	359.79	4,998.16	3.28	71.85	-1.02	0.18	
5,100.00	1.47	9.17	5,098.13	3.62	74.30	-0.82	0.26	
5,200.00	1.57	23.35	5,198.10	4.52	76.82	-0.07	0.39	
5,300.00	1.65	44.68	5,298.06	6.21	79.10	1.48	0.60	
5,400.00	1.82	58.13	5,398.01	8.68	80.96	3.84	0.44	

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Well:	No. 2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Inwell

Survey							
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V.Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)
5,500.00	1.89	63.89	5,497.96	11.60	82.53	6.67	0.20
5,600.00	1.73	51.46	5,597.91	14.35	84.19	9.33	0.42
5,700.00	1.66	68.40	5,697.87	16.96	85.67	11.86	0.50
5,800.00	1.64	73.45	5,797.83	19.73	86.61	14.58	0.15
5,900.00	1.39	72.63	5,897.79	22.30	87.38	17.11	0.25
6,000.00	1.71	61.91	5,997.76	24.84	88.44	19.58	0.43
6,100.00	1.43	69.27	6,097.72	27.39	89.59	22.06	0.34
6,200.00	1.49	71.06	6,197.69	29.83	90.45	24.46	0.08
6,300.00	1.36	70.01	6,297.65	32.22	91.28	26.81	0.13
6,400.00	1.30	54.44	6,397.63	34.32	92.34	28.84	0.37
6,500.00	1.09	66.00	6,497.61	36.17	93.39	30.64	0.32
6,600.00	0.81	67.62	6,597.59	37.73	94.05	32.16	0.28
6,700.00	0.56	319.82	6,697.59	38.10	94.69	32.50	1.12
6,800.00	1.13	11.10	6,797.58	38.06	96.03	32.37	0.89
6,900.00	1.07	7.23	6,897.56	38.48	97.92	32.68	0.10
7,000.00	1.05	21.94	6,997.54	39.04	99.70	33.14	0.27
7,100.00	0.95	31.97	7,097.53	39.92	101.25	33.92	0.20
7,200.00	1.16	60.58	7,197.51	41.31	102.45	35.24	0.56
7,300.00	1.25	87.38	7,297.49	43.31	103.00	37.21	0.57
7,400.00	1.25	104.54	7,397.47	45.44	102.78	39.36	0.37
7,500.00	1.33	111.93	7,497.44	47.52	102.07	41.49	0.18
7,600.00	1.71	107.76	7,597.41	49.96	101.18	43.99	0.40
7,700.00	1.57	101.69	7,697.36	52.68	100.45	46.75	0.22
7,800.00	1.40	100.81	7,797.33	55.18	99.94	49.29	0.17
7,900.00	1.55	116.45	7,897.30	57.54	99.11	51.70	0.43
8,000.00	2.03	113.84	7,997.25	60.29	97.79	54.53	0.49
8,100.00	1.93	126.17	8,097.19	63.16	96.08	57.51	0.44
8,200.00	1.93	117.52	8,197.13	65.90	94.31	60.37	0.29
8,240.00	2.00	108.37	8,237.11	67.13	93.78	61.62	0.80
8,361.00	4.30	72.00	8,357.93	73.48	94.52	67.94	2.43
8,393.00	9.50	74.30	8,389.69	77.22	95.60	71.63	16.27
8,425.00	14.80	76.40	8,420.96	83.83	97.28	78.15	16.62
8,456.00	18.90	74.90	8,450.62	92.65	99.52	86.85	13.30
8,488.00	21.40	73.50	8,480.66	103.41	102.53	97.45	7.96
8,520.00	23.40	74.00	8,510.25	115.30	105.94	109.16	6.28
8,551.00	25.70	76.20	8,538.44	127.92	109.24	121.61	7.98
8,583.00	28.10	77.90	8,566.98	142.20	112.47	135.72	7.88
8,614.00	30.50	78.60	8,594.01	157.21	115.56	150.57	7.82
8,646.00	32.70	77.70	8,621.26	173.80	119.01	166.98	7.03
8,677.00	34.90	77.20	8,647.02	190.82	122.75	183.81	7.15
8,709.00	36.80	81.50	8,672.96	209.41	126.20	202.22	9.86
8,741.00	38.20	85.60	8,698.35	228.85	128.38	221.57	8.94
8,772.00	40.30	88.50	8,722.36	248.46	129.37	241.15	8.99
8,804.00	42.70	91.70	8,746.33	269.61	129.32	262.35	10.01
8,835.00	46.40	90.70	8,768.42	291.29	128.87	284.08	12.15

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Well:	No. 2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Inwell

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)
8,868.00	50.00	80.10	8,790.41	315.83	128.71	308.68	10.99
8,900.00	53.00	88.70	8,810.33	340.84	128.97	333.72	9.98
8,931.00	55.80	89.00	8,828.37	366.02	129.48	358.92	9.07
8,963.00	59.00	92.00	8,845.61	392.91	129.23	385.87	12.74
8,994.00	62.50	94.00	8,860.76	419.78	127.81	412.87	12.61
9,026.00	68.00	94.30	8,874.15	448.57	125.70	441.84	17.21
9,057.00	72.80	93.70	8,884.55	477.52	123.67	470.97	15.59
9,089.00	77.50	93.50	8,892.75	508.21	121.73	501.83	14.70
9,105.00	78.90	93.50	8,896.02	523.76	120.77	517.46	8.75
9,142.00	79.20	95.40	8,903.05	559.74	117.95	553.67	5.11
9,174.00	79.60	97.20	8,908.93	590.74	114.50	584.94	5.67
9,205.00	81.90	97.00	8,913.92	620.82	110.72	615.30	7.45
9,237.00	83.80	96.30	8,917.90	652.08	107.05	646.83	6.32
9,269.00	85.50	94.90	8,920.88	683.54	103.94	678.54	6.87
9,300.00	86.30	94.10	8,923.10	714.17	101.51	709.37	3.64
9,332.00	86.40	93.60	8,925.14	745.85	99.37	741.23	1.59
9,364.00	89.30	92.50	8,926.34	777.61	97.67	773.16	9.69
9,395.00	90.60	92.70	8,926.36	808.44	96.26	804.12	4.24
9,427.00	91.40	92.50	8,925.80	840.26	94.81	836.09	2.58
9,458.00	91.60	92.70	8,924.99	871.08	93.40	867.04	0.91
9,490.00	91.20	92.80	8,924.21	902.88	91.87	899.00	1.29
9,553.00	91.80	92.80	8,922.56	965.49	88.79	961.90	0.95
9,617.00	90.30	92.10	8,921.39	1,029.14	86.06	1,025.83	2.59
9,680.00	89.90	91.80	8,921.28	1,091.86	83.91	1,088.79	0.79
9,743.00	89.60	91.40	8,921.55	1,154.62	82.15	1,151.77	0.79
9,807.00	86.80	89.50	8,923.56	1,218.43	81.65	1,215.72	5.29
9,870.00	87.00	89.30	8,926.97	1,281.26	82.31	1,278.63	0.45
9,933.00	87.70	88.70	8,929.88	1,344.14	83.41	1,341.55	1.46
9,997.00	90.30	88.90	8,931.00	1,408.07	84.75	1,405.52	4.07
10,060.00	92.80	89.00	8,929.30	1,470.99	85.90	1,468.48	3.97
10,123.00	92.30	88.50	8,926.49	1,533.88	87.27	1,531.40	1.12
10,155.00	89.80	88.90	8,925.91	1,565.85	88.00	1,563.39	7.91
10,187.00	89.30	88.90	8,926.16	1,597.82	88.61	1,595.38	1.56
10,218.00	88.80	89.00	8,926.67	1,628.79	89.18	1,626.37	1.64
10,250.00	88.80	89.20	8,927.34	1,660.76	89.68	1,658.36	0.62
10,281.00	88.10	89.00	8,928.18	1,691.71	90.17	1,689.34	2.35
10,313.00	86.90	89.20	8,929.58	1,723.65	90.67	1,721.31	3.80
10,344.00	87.30	89.30	8,931.15	1,754.58	91.08	1,752.27	1.33
10,376.00	85.80	89.10	8,933.07	1,786.49	91.52	1,784.21	4.73
10,408.00	86.60	89.30	8,935.19	1,818.38	91.97	1,816.13	2.58
10,439.00	87.70	89.10	8,936.73	1,849.31	92.40	1,847.09	3.61
10,503.00	89.30	88.40	8,938.41	1,913.24	93.80	1,911.05	2.73
10,566.00	87.30	88.90	8,940.28	1,976.17	95.28	1,974.00	3.27
10,629.00	88.80	87.50	8,942.42	2,039.10	97.26	2,036.93	3.26

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10,693.00	89.10	87.00	8,943.59	2,103.09	100.33	2,100.85	0.91
10,756.00	92.10	87.10	8,942.94	2,166.07	103.57	2,163.75	4.76
10,819.00	92.80	86.50	8,940.24	2,229.01	107.09	2,226.60	1.46
10,851.00	91.80	86.30	8,938.96	2,260.99	109.09	2,258.51	3.19
10,883.00	92.20	86.00	8,937.84	2,292.97	111.24	2,290.41	1.56
10,914.00	91.70	85.80	8,936.79	2,323.95	113.46	2,321.32	1.74
10,946.00	88.60	85.60	8,936.70	2,355.94	115.85	2,353.22	9.71
10,977.00	87.80	85.20	8,937.68	2,386.92	118.34	2,384.11	2.88
11,009.00	88.00	85.20	8,938.85	2,418.89	121.02	2,415.97	0.62
11,041.00	88.50	85.00	8,939.83	2,450.86	123.75	2,447.84	1.68
11,072.00	88.60	84.90	8,940.61	2,481.84	126.48	2,478.71	0.46
11,104.00	87.70	85.00	8,941.64	2,513.81	129.29	2,510.57	2.83
11,135.00	86.90	85.00	8,943.10	2,544.76	131.99	2,541.42	2.58
11,167.00	87.80	84.90	8,944.58	2,576.71	134.80	2,573.26	2.83
11,199.00	88.20	84.80	8,945.70	2,608.68	137.67	2,605.11	1.29
11,230.00	88.90	84.60	8,946.48	2,639.65	140.54	2,635.97	2.35
11,294.00	88.20	85.00	8,948.10	2,703.60	146.34	2,699.68	1.26
11,357.00	87.50	85.40	8,950.47	2,766.54	151.60	2,762.42	1.28
11,421.00	87.70	85.00	8,953.15	2,830.47	156.95	2,826.14	0.70
11,484.00	85.80	84.10	8,956.72	2,893.32	162.93	2,888.75	3.34
11,547.00	88.30	83.90	8,959.96	2,956.17	169.50	2,951.32	3.98
11,610.00	88.70	84.20	8,961.61	3,019.09	176.03	3,013.95	0.79
11,642.00	87.90	84.20	8,962.56	3,051.05	179.26	3,045.78	2.50
11,674.00	87.60	84.30	8,963.82	3,082.99	182.47	3,077.59	0.99
11,705.00	90.00	84.60	8,964.47	3,113.96	185.46	3,108.44	7.80
11,737.00	88.90	84.70	8,964.77	3,145.94	188.45	3,140.29	3.45
11,769.00	89.00	84.10	8,965.36	3,177.92	191.57	3,172.14	1.90
11,801.00	90.30	84.90	8,965.55	3,209.89	194.64	3,203.99	4.77
11,832.00	92.10	85.60	8,964.90	3,240.88	197.20	3,234.87	6.23
11,864.00	91.50	85.30	8,963.90	3,272.85	199.74	3,266.76	2.10
11,896.00	92.30	85.20	8,962.84	3,304.83	202.39	3,298.63	2.52
11,927.00	92.30	85.30	8,961.59	3,335.79	204.95	3,329.50	0.32
11,959.00	91.80	85.30	8,960.45	3,367.77	207.57	3,361.37	1.56
11,991.00	90.00	86.70	8,959.95	3,399.76	209.81	3,393.28	7.13
12,023.00	89.10	87.90	8,960.20	3,431.75	211.31	3,425.25	4.69
12,054.00	88.50	87.80	8,960.85	3,462.74	212.48	3,456.22	1.96
12,086.00	90.20	88.10	8,961.21	3,494.73	213.62	3,488.20	5.39
12,118.00	90.10	88.10	8,961.13	3,526.72	214.68	3,520.18	0.31
12,150.00	89.80	88.10	8,961.16	3,558.70	215.74	3,552.16	0.94
12,181.00	90.40	87.80	8,961.10	3,589.69	216.85	3,583.14	2.16
12,213.00	88.60	87.60	8,961.38	3,621.69	218.14	3,615.11	5.66
12,245.00	88.50	87.70	8,962.19	3,653.67	219.45	3,647.07	0.44
12,276.00	89.80	87.90	8,962.65	3,684.66	220.64	3,678.05	4.24
12,308.00	88.80	87.80	8,963.04	3,716.65	221.84	3,710.02	3.14

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well No. 2H
Project:	Eddy County, NM	TVD Reference:	WELL @ 3281.00usft (Original Well Elev)
Site:	Derringer 18 B3DA Federal No. 2H	MD Reference:	WELL @ 3281.00usft (Original Well Elev)
Well:	No. 2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Inwell

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLog (°/100usft)
12,339.00	87.70	87.70	8,963.99	3,747.63	223.05	3,740.98	3.56
12,403.00	87.30	87.60	8,966.78	3,811.55	225.68	3,804.87	0.64
12,466.00	86.60	87.70	8,970.13	3,874.45	228.26	3,867.73	1.12
12,529.00	86.00	87.70	8,974.20	3,937.31	230.78	3,930.54	0.95
12,592.00	91.20	87.40	8,975.74	4,000.26	233.47	3,993.45	8.27
12,656.00	87.60	86.10	8,976.41	4,064.24	237.10	4,057.33	5.98
12,720.00	87.70	85.50	8,979.03	4,128.18	241.78	4,121.10	0.95
12,783.00	89.30	85.30	8,980.68	4,191.15	246.83	4,183.87	2.56
12,846.00	89.90	84.20	8,981.12	4,254.11	252.60	4,246.61	1.99
12,910.00	91.50	84.80	8,980.34	4,318.06	258.73	4,310.31	2.67
12,973.00	91.70	84.30	8,978.58	4,381.00	264.71	4,373.00	0.85
13,036.00	91.40	84.20	8,976.87	4,443.93	271.02	4,435.66	0.50
13,077.00	91.60	84.00	8,975.80	4,484.87	275.23	4,476.43	0.69
Last Survey: 13077' MD 8975.80' TVD							
13,138.00	91.60	84.00	8,974.10	4,545.79	281.61	4,537.07	0.00
TD Projected To MD: 13138' - No. 2H TD/PBHL							

Design Annotations:

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
13,077.00	8,975.80	275.23	4,476.43	Last Survey: 13077' MD 8975.80' TVD
13,138.00	8,974.10	281.61	4,537.07	TD Projected To MD: 13138'

Checked By: _____	Approved By: _____	Date: _____
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