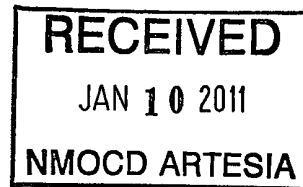


MEWBOURNE OIL

30-015-38005

Scanlon Draw
Eddy County, NM
Parkway 26 State Com #3H
VH - Job #32K1010819



Survey: Actual

SDI Standard Survey Report

14 November, 2010

This survey is correct to the best of my knowledge and is supported by actual field data.

R. Hart

Notorized this date 16th of November, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	MEWBOURNE OIL	Local Co-ordinate Reference:	Well Parkway 26 State Com #3H
Project:	Scanlon Draw	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Parkway 26 State Com #3H	North Reference:	Grid
Wellbore:	VH - Job #32K1010819	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K1010819	Database:	EDM-Regulatory

Project	Scanlon Draw		
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	Eddy County, NM		
Site Position:		Northing:	600,967.56 usft
From:	Lat/Long	Easting:	561,966.65 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 39' 7 200 N
		Longitude:	104° 7' 55 200 W
		Grid Convergence:	0 11 °

Well	Parkway 26 State Com #3H, Directional (Baker Hughes)		
Well Position	+N/-S	0.0 usft	Northing: 593,746.79 usft
	+E/-W	0.0 usft	Easting: 586,300.65 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 37' 55 200 N
		Longitude:	104° 3' 10.800 W
		Ground Level:	0 0 usft

Wellbore	VH - Job #32K1010819		
Magnetics	Model Name	Sample Date	Declination
	BGGM2010	10/24/2010	(°) 7 98
			Dip Angle (°) 60 50
			Field Strength (nT) 48,933

Design	VH - Job #32K1010819		
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 (°) 90 40

Survey Program	Date	11/14/2010		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
100.0	7,395.0	Actual (VH - Job #32K1010819)	Keeper	Keeper Gyro

Survey							
Measured Depth	Inclination	Azimuth	True Vertical	North/South	East/West	Closure Azimuth	Closure Distance
(usft)	(°)	(°)	Depth	(usft)	(usft)	(°)	(usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0
100.0	0.25	151.00	100.0	-0.2	0.1	151.00	0.2
200.0	0.36	165.15	200.0	-0.7	0.3	156.92	0.7
300.0	0.38	143.30	300.0	-1.3	0.6	155.54	1.4
400.0	0.45	146.30	400.0	-1.8	1.0	151.89	2.1
500.0	0.41	119.84	500.0	-2.4	1.5	147.21	2.8
600.0	0.24	117.13	600.0	-2.6	2.0	142.54	3.3
700.0	0.41	101.08	700.0	-2.8	2.5	137.58	3.8
800.0	0.43	86.31	800.0	-2.8	3.3	130.88	4.3
900.0	0.69	89.18	900.0	-2.8	4.3	123.39	5.1
1,000.0	1.36	93.11	1,000.0	-2.9	6.0	115.32	6.7
1,100.0	1.66	96.38	1,099.9	-3.1	8.7	109.59	9.2

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Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Parkway 26 State Com #3H	North Reference:	Grd
Wellbore:	VH - Job #32K1010819	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K1010819	Database:	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200.0	1.38	105.15	1,199.9	-3.6	11.3	107.53	11.8
1,300.0	1.43	139.94	1,299.9	-4.8	13.2	110.05	14.1
1,400.0	1.76	162.97	1,399.8	-7.3	14.5	116.60	16.2
1,500.0	2.44	174.77	1,499.8	-10.8	15.1	125.63	18.6
1,600.0	2.63	176.89	1,599.7	-15.3	15.4	134.64	21.7
1,700.0	2.43	183.58	1,699.6	-19.7	15.4	141.86	25.0
1,800.0	2.33	187.86	1,799.5	-23.8	15.0	147.72	28.1
1,900.0	2.38	185.77	1,899.4	-27.9	14.5	152.45	31.4
2,000.0	2.40	185.44	1,999.3	-32.0	14.1	156.18	35.0
2,100.0	2.39	188.38	2,099.2	-36.2	13.6	159.35	38.6
2,200.0	2.22	195.95	2,199.1	-40.1	12.8	162.30	42.1
2,300.0	1.80	220.68	2,299.1	-43.1	11.2	165.40	44.6
2,400.0	1.47	234.97	2,399.0	-45.1	9.2	168.51	46.0
2,500.0	1.17	236.79	2,499.0	-46.4	7.3	171.10	46.9
2,600.0	1.14	245.35	2,599.0	-47.3	5.5	173.37	47.7
2,700.0	1.05	241.37	2,699.0	-48.2	3.8	175.50	48.3
2,800.0	0.99	256.89	2,799.0	-48.8	2.1	177.48	48.9
2,900.0	0.77	255.60	2,898.9	-49.2	0.7	179.24	49.2
3,000.0	0.93	284.58	2,998.9	-49.2	-0.8	180.91	49.2
3,100.0	1.50	314.07	3,098.9	-48.0	-2.5	182.99	48.1
3,200.0	1.38	314.18	3,198.9	-46.3	-4.3	185.32	46.5
3,300.0	1.44	312.61	3,298.9	-44.6	-6.1	187.79	45.0
3,400.0	1.50	312.38	3,398.8	-42.9	-8.0	190.56	43.6
3,500.0	1.39	309.46	3,498.8	-41.2	-9.9	193.50	42.4
3,600.0	1.22	306.03	3,598.8	-39.8	-11.7	196.36	41.5
3,700.0	0.82	299.48	3,698.7	-38.8	-13.2	198.74	41.0
3,800.0	0.66	300.01	3,798.7	-38.2	-14.3	200.52	40.8
3,900.0	0.63	292.63	3,898.7	-37.7	-15.3	202.09	40.7
4,000.0	0.64	277.76	3,998.7	-37.4	-16.4	203.62	40.8
4,100.0	0.79	261.26	4,098.7	-37.4	-17.6	205.18	41.4
4,200.0	0.84	266.30	4,198.7	-37.6	-19.0	206.83	42.1
4,300.0	0.87	262.31	4,298.7	-37.7	-20.5	208.50	42.9
4,400.0	0.80	249.47	4,398.7	-38.1	-21.9	209.90	43.9
4,500.0	0.80	244.57	4,498.7	-38.6	-23.2	210.97	45.1
4,600.0	0.79	235.97	4,598.7	-39.3	-24.4	211.81	46.3
4,700.0	0.86	234.04	4,698.7	-40.1	-25.6	212.49	47.6
4,800.0	0.59	225.81	4,798.6	-40.9	-26.5	212.95	48.8
4,900.0	0.44	244.61	4,898.6	-41.5	-27.3	213.32	49.6
5,000.0	0.56	269.98	4,998.6	-41.6	-28.1	214.01	50.2
5,100.0	0.46	283.91	5,098.6	-41.5	-29.0	214.90	50.6
5,200.0	0.71	291.89	5,198.6	-41.2	-29.9	216.00	50.9
5,300.0	0.83	299.17	5,298.6	-40.6	-31.1	217.48	51.2
5,400.0	0.87	299.91	5,398.6	-39.9	-32.4	219.11	51.4
5,500.0	0.96	304.42	5,498.6	-39.0	-33.8	220.87	51.6

Scientific Drilling International, Inc.

SDI Standard Survey Report

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Project:	Scanlon Draw	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Parkway 26 State Com #3H	North Reference:	Grid
Wellbore:	VH - Job #32K1010819	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K1010819	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600.0	0.94	303.42	5,598.6	-38.1	-35.2	222.69	51.9
5,700.0	0.96	306.38	5,698.6	-37.2	-36.5	224.50	52.1
5,800.0	0.98	306.72	5,798.6	-36.2	-37.9	226.33	52.4
5,900.0	1.02	303.44	5,898.5	-35.2	-39.3	228.19	52.7
6,000.0	1.35	298.38	5,998.5	-34.1	-41.1	230.30	53.4
6,100.0	1.57	293.92	6,098.5	-33.0	-43.4	232.74	54.5
6,200.0	2.14	299.99	6,198.4	-31.5	-46.2	235.74	56.0
6,300.0	2.28	297.66	6,298.4	-29.6	-49.6	239.14	57.8
6,400.0	2.55	281.53	6,398.3	-28.3	-53.6	242.17	60.6
6,500.0	2.50	277.48	6,498.2	-27.5	-57.9	244.56	64.1
6,600.0	2.71	275.45	6,598.1	-27.0	-62.4	246.58	68.0
6,700.0	3.21	274.96	6,697.9	-26.6	-67.6	248.53	72.6
6,800.0	2.65	277.62	6,797.8	-26.0	-72.6	250.29	77.2
6,900.0	2.78	273.95	6,897.7	-25.6	-77.4	251.72	81.5
7,000.0	2.02	277.28	6,997.6	-25.2	-81.5	252.85	85.3
7,100.0	1.92	275.77	7,097.5	-24.8	-84.9	253.74	88.5
7,200.0	1.95	276.19	7,197.5	-24.4	-88.3	254.54	91.6
7,300.0	2.10	274.51	7,297.4	-24.1	-91.8	255.30	94.9
7,395.0	1.75	259.68	7,392.4	-24.2	-95.0	255.70	98.0



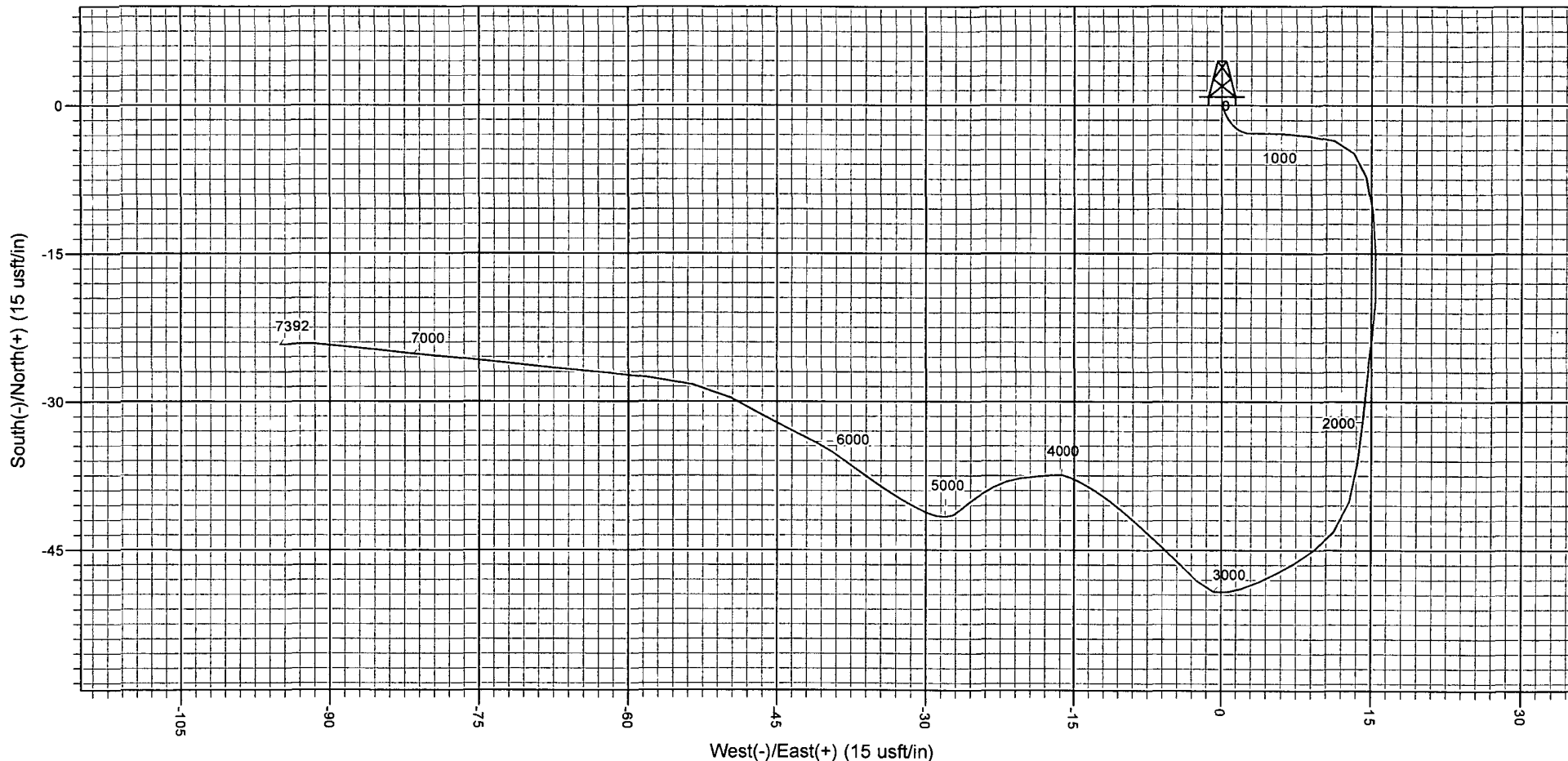
Project: Scanlon Draw
 Eddy County, NM
 Well: Parkway 26 State Com #3H
 Wellbore: VH - Job #32K1010819
 Design: VH - Job #32K1010819



Azimuths to Grid North
 True North -0.15°
 Magnetic North 7.83°
 Magnetic Field
 Strength: 48933 2snT
 Dip Angle: 60.50°
 Date: 10/24/2010
 Model: BGGM2010

WELL DETAILS: Parkway 26 State Com #3H
 WELL @ 0.0usft (Original Well Elev)
 Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	593746.79	586300.65	32° 37' 55.200 N	104° 3' 10.800 W	



PROJECT DETAILS: Scanlon Draw
 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

SITE DETAILS: Eddy County, NM
 Site Centre Latitude: 32° 39' 7.200 N
 Longitude: 104° 7' 55.200 W
 Positional Uncertainty: 0.0
 Convergence: 0.11
 Local North: Grid