

30 015 43452



Mewbourne Oil Company .

Eddy County, New Mexico

Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H

Goose 29-28 W2BA St Com #1H

Original Hole

Design: Original Hole

Standard Survey Report

23 February, 2016

Provide signature page for survey





Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Goose 29-28 W2BA St Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Site:	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H	MD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Well:	Goose 29-28 W2BA St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H		
Site Position:		Northing:	466,429.40 usft
From:	Map	Easting:	537,745.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 16' 56.179 N
		Longitude:	104° 12' 40.311 W
		Grid Convergence:	0.07 °

Well	Goose 29-28 W2BA St Com #1H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	27.0 usft
		Latitude:	32° 16' 56.179 N
		Longitude:	104° 12' 40.311 W
		Ground Level:	3,179.0 usft

Wellbore	Original Hole		
----------	---------------	--	--

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/19/2016	7.40	60.03	48,050

Design	Original Hole		
--------	---------------	--	--

Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	91.09

Survey Program		Date 2/23/2016	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
200.0	9,070.0	VES Gyro Survey (Original Hole)	SRG-GYRO-MS
9,235.0	17,080.0	MWD Survey (Original Hole)	MWD
		Description	
		surface readout gyro multishot	
		MWD v3:standard declination	

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.44	327.72	200.0	0.6	-0.4	-0.4	0.22	0.22	0.00
400.0	1.11	36.06	400.0	2.9	0.3	0.3	0.52	0.34	34.17
600.0	1.26	51.48	599.9	5.8	3.2	3.1	0.18	0.08	7.71
800.0	1.50	64.97	799.9	8.3	7.3	7.1	0.20	0.12	6.75
1,000.0	1.62	77.32	999.8	10.0	12.4	12.2	0.18	0.06	6.18
1,200.0	3.96	92.97	1,199.6	10.3	22.1	21.9	1.22	1.17	7.83
1,400.0	4.25	98.18	1,399.0	8.9	36.3	36.1	0.24	0.15	2.61
1,600.0	6.37	97.49	1,598.2	6.4	54.6	54.5	1.06	1.06	-0.35



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Goose 29-28 W2BA St Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Site:	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H	MD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Well:	Goose 29-28 W2BA St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
1,800.0	6.80	95.94	1,796.9	3.7	77.4	77.3	0.23	0.22	-0.78
2,000.0	3.28	95.97	1,996.1	1.9	94.9	94.8	1.76	-1.76	0.02
2,200.0	2.02	102.24	2,195.8	0.5	104.0	104.0	0.65	-0.63	3.14
2,400.0	1.46	97.82	2,395.7	-0.6	110.0	110.0	0.29	-0.28	-2.21
2,600.0	1.18	99.15	2,595.7	-1.2	114.5	114.5	0.14	-0.14	0.67
2,800.0	0.55	111.94	2,795.7	-1.9	117.5	117.5	0.33	-0.32	6.40
3,000.0	0.38	142.06	2,995.7	-2.8	118.8	118.8	0.15	-0.09	15.06
3,200.0	0.24	142.76	3,195.7	-3.7	119.4	119.5	0.07	-0.07	0.35
3,400.0	0.14	248.90	3,395.7	-4.1	119.4	119.5	0.15	-0.05	53.07
3,600.0	0.07	238.31	3,595.7	-4.2	119.1	119.2	0.04	-0.04	-5.30
3,800.0	0.17	294.95	3,795.7	-4.2	118.7	118.8	0.07	0.05	28.32
4,000.0	0.12	209.08	3,995.7	-4.2	118.4	118.4	0.10	-0.03	-42.94
4,200.0	0.21	189.92	4,195.7	-4.8	118.2	118.3	0.05	0.05	-9.58
4,400.0	1.09	240.42	4,395.6	-6.1	116.5	116.6	0.49	0.44	25.25
4,600.0	0.91	257.75	4,595.6	-7.4	113.3	113.4	0.17	-0.09	8.67
4,800.0	0.88	242.12	4,795.6	-8.4	110.4	110.5	0.12	-0.02	-7.82
5,000.0	0.69	253.48	4,995.6	-9.5	107.9	108.0	0.12	-0.10	5.68
5,200.0	0.65	241.47	5,195.6	-10.4	105.7	105.9	0.07	-0.02	-6.01
5,400.0	0.66	200.42	5,395.5	-12.0	104.3	104.5	0.23	0.01	-20.53
5,600.0	1.34	164.40	5,595.5	-15.3	104.5	104.8	0.45	0.34	-18.01
5,800.0	1.30	159.12	5,795.5	-19.7	106.0	106.3	0.06	-0.02	-2.64
6,000.0	1.33	127.43	5,995.4	-23.2	108.6	109.1	0.36	0.02	-15.85
6,200.0	1.40	55.48	6,195.4	-23.2	112.5	112.9	0.80	0.04	-35.98
6,400.0	1.48	67.52	6,395.3	-20.9	116.9	117.3	0.16	0.04	6.02
6,600.0	1.01	79.28	6,595.3	-19.6	121.0	121.4	0.27	-0.24	5.88
6,800.0	0.62	132.46	6,795.2	-20.0	123.5	123.9	0.40	-0.20	26.59
7,000.0	0.44	106.15	6,995.2	-20.9	125.1	125.4	0.15	-0.09	-13.16
7,200.0	0.26	98.37	7,195.2	-21.2	126.3	126.6	0.09	-0.09	-3.89
7,400.0	0.59	219.81	7,395.2	-22.0	126.0	126.4	0.38	0.17	60.72
7,600.0	1.41	222.78	7,595.2	-24.6	123.7	124.2	0.41	0.41	1.49
7,800.0	2.94	254.54	7,795.0	-27.8	117.1	117.6	0.95	0.77	15.88
8,000.0	3.24	222.73	7,994.8	-33.3	108.3	108.9	0.86	0.15	-15.91
8,200.0	3.04	205.53	8,194.5	-42.3	102.2	103.0	0.48	-0.10	-8.60
8,400.0	1.91	203.83	8,394.3	-50.1	98.6	99.5	0.57	-0.57	-0.85
8,600.0	1.19	192.23	8,594.2	-55.2	96.8	97.8	0.39	-0.36	-5.80
8,800.0	1.35	206.66	8,794.2	-59.3	95.3	96.4	0.18	0.08	7.22
9,000.0	1.10	232.07	8,994.1	-62.6	92.7	93.9	0.30	-0.13	12.71
9,070.0	1.17	230.12	9,064.1	-63.5	91.6	92.8	0.11	0.10	-2.79
9070' MD VES Gyro Survey									
9,235.0	2.80	130.20	9,229.0	-67.2	93.4	94.7	1.95	0.99	-60.56
9,266.0	5.70	137.70	9,259.9	-68.8	95.0	96.3	9.51	9.35	24.19
9,298.0	8.20	126.80	9,291.7	-71.3	97.9	99.3	8.80	7.81	-34.06



Stryker Directional Survey Report



Company:	Mewbourne Oil Company .	Local Co-ordinate Reference:	Well Goose 29-28 W2BA St Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Site:	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H	MD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Well:	Goose 29-28 W2BA St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
9,329.0	10.50	128.50	9,322.3	-74.4	101.9	103.3	7.47	7.42	5.48
9,360.0	10.60	130.10	9,352.8	-78.0	106.3	107.8	1.00	0.32	5.16
9,391.0	10.70	127.90	9,383.2	-81.6	110.8	112.3	1.35	0.32	-7.10
9,422.0	12.20	126.20	9,413.6	-85.3	115.7	117.3	4.96	4.84	-5.48
9,454.0	13.50	128.50	9,444.8	-89.6	121.3	123.0	4.36	4.06	7.19
9,485.0	14.20	129.20	9,474.9	-94.3	127.1	128.9	2.32	2.26	2.26
9,516.0	16.50	124.60	9,504.8	-99.2	133.7	135.5	8.39	7.42	-14.84
9,547.0	19.20	120.90	9,534.3	-104.3	141.7	143.6	9.44	8.71	-11.94
9,579.0	19.80	118.30	9,564.5	-109.6	151.0	153.0	3.30	1.88	-8.13
9,610.0	18.20	121.50	9,593.8	-114.6	159.7	161.9	6.16	-5.16	10.32
9,641.0	20.20	120.80	9,623.1	-119.9	168.4	170.7	6.49	6.45	-2.26
9,672.0	22.80	120.50	9,651.9	-125.7	178.2	180.6	8.39	8.39	-0.97
9,703.0	25.40	119.00	9,680.2	-131.9	189.2	191.7	8.62	8.39	-4.84
9,734.0	28.20	115.00	9,707.9	-138.3	201.7	204.3	10.74	9.03	-12.90
9,765.0	31.40	111.60	9,734.8	-144.3	215.8	218.5	11.67	10.32	-10.97
9,796.0	35.60	106.00	9,760.6	-149.8	232.0	234.8	16.81	13.55	-18.06
9,827.0	39.00	100.50	9,785.3	-154.1	250.3	253.2	15.35	10.97	-17.74
9,858.0	42.70	96.20	9,808.7	-157.0	270.3	273.3	14.99	11.94	-13.87
9,889.0	47.50	92.70	9,830.6	-158.6	292.2	295.2	17.42	15.48	-11.29
9,921.0	52.70	91.70	9,851.1	-159.6	316.7	319.7	16.43	16.25	-3.13
9,952.0	57.10	91.30	9,868.9	-160.2	342.1	345.1	14.23	14.19	-1.29
9,983.0	62.50	90.70	9,884.5	-160.7	368.9	371.9	17.50	17.42	-1.94
10,014.0	67.20	89.60	9,897.7	-160.8	396.9	399.9	15.50	15.16	-3.55
10,045.0	72.00	88.80	9,908.5	-160.4	426.0	428.9	15.67	15.48	-2.58
10,077.0	77.50	88.90	9,916.9	-159.7	456.8	459.8	17.19	17.19	0.31
10,091.0	79.90	88.90	9,919.7	-159.5	470.5	473.5	17.14	17.14	0.00
10,146.0	87.00	90.30	9,925.9	-159.1	525.1	528.1	13.15	12.91	2.55
10,177.0	90.70	93.60	9,926.6	-160.2	556.1	559.1	15.99	11.94	10.65
10,270.0	94.00	94.90	9,922.7	-167.0	648.8	651.8	3.81	3.55	1.40
10,364.0	93.10	94.50	9,916.9	-174.7	742.3	745.5	1.05	-0.96	-0.43
10,458.0	91.90	92.10	9,912.8	-180.1	836.0	839.3	2.85	-1.28	-2.55
10,551.0	90.70	91.30	9,910.7	-182.9	928.9	932.3	1.55	-1.29	-0.86
10,644.0	87.00	90.20	9,912.6	-184.1	1,021.9	1,025.2	4.15	-3.98	-1.18
10,738.0	86.50	90.00	9,917.9	-184.3	1,115.7	1,119.1	0.57	-0.53	-0.21
10,832.0	88.90	88.90	9,921.7	-183.4	1,209.7	1,212.9	2.81	2.55	-1.17
10,926.0	91.10	89.80	9,921.7	-182.3	1,303.6	1,306.9	2.53	2.34	0.96
11,020.0	90.60	89.90	9,920.3	-182.1	1,397.6	1,400.8	0.54	-0.53	0.11
11,114.0	90.90	89.80	9,919.1	-181.8	1,491.6	1,494.8	0.34	0.32	-0.11
11,207.0	90.00	88.90	9,918.3	-180.8	1,584.6	1,587.8	1.37	-0.97	-0.97
11,301.0	94.10	90.00	9,915.0	-179.9	1,678.5	1,681.6	4.52	4.36	1.17
11,332.0	93.30	90.00	9,913.0	-179.9	1,709.5	1,712.6	2.58	-2.58	0.00
11,395.0	91.30	91.00	9,910.4	-180.4	1,772.4	1,775.5	3.55	-3.17	1.59
11,488.0	88.30	90.10	9,910.8	-181.3	1,865.4	1,868.5	3.37	-3.23	-0.97



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Goose 29-28 W2BA St Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Site:	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H	MD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Well:	Goose 29-28 W2BA St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
11,582.0	84.40	89.20	9,916.7	-180.7	1,959.2	1,962.3	4.26	-4.15	-0.96
11,675.0	89.70	88.90	9,921.5	-179.2	2,052.0	2,055.0	5.71	5.70	-0.32
11,769.0	90.40	89.60	9,921.4	-178.0	2,146.0	2,149.0	1.05	0.74	0.74
11,862.0	88.50	89.20	9,922.3	-177.0	2,239.0	2,241.9	2.09	-2.04	-0.43
11,956.0	90.10	90.00	9,923.5	-176.3	2,333.0	2,335.9	1.90	1.70	0.85
12,050.0	87.30	89.30	9,925.6	-175.8	2,426.9	2,429.8	3.07	-2.98	-0.74
12,143.0	87.10	88.30	9,930.2	-173.8	2,519.8	2,522.7	1.10	-0.22	-1.08
12,237.0	90.60	88.80	9,932.1	-171.4	2,613.7	2,616.5	3.76	3.72	0.53
12,330.0	90.60	90.20	9,931.1	-170.6	2,706.7	2,709.5	1.51	0.00	1.51
12,424.0	89.10	90.70	9,931.3	-171.4	2,800.7	2,803.5	1.68	-1.60	0.53
12,517.0	86.00	89.30	9,935.3	-171.4	2,893.6	2,896.4	3.66	-3.33	-1.51
12,611.0	85.90	87.90	9,941.9	-169.1	2,987.4	2,990.0	1.49	-0.11	-1.49
12,704.0	94.00	89.60	9,942.0	-167.0	3,080.3	3,082.9	8.90	8.71	1.83
12,798.0	89.20	90.20	9,939.4	-166.9	3,174.2	3,176.8	5.15	-5.11	0.64
12,891.0	96.20	93.20	9,935.0	-169.6	3,267.0	3,269.6	8.19	7.53	3.23
12,985.0	93.90	94.80	9,926.7	-176.2	3,360.4	3,363.1	2.98	-2.45	1.70
13,078.0	92.20	95.60	9,921.8	-184.6	3,452.9	3,455.7	2.02	-1.83	0.86
13,110.0	89.70	94.80	9,921.3	-187.5	3,484.7	3,487.7	8.20	-7.81	-2.50
13,141.0	87.10	95.30	9,922.1	-190.2	3,515.6	3,518.6	8.54	-8.39	1.61
13,172.0	86.30	96.10	9,923.9	-193.3	3,546.4	3,549.4	3.65	-2.58	2.58
13,203.0	86.90	96.50	9,925.8	-196.7	3,577.1	3,580.2	2.32	1.94	1.29
13,234.0	89.10	96.90	9,926.8	-200.3	3,607.9	3,611.1	7.21	7.10	1.29
13,265.0	86.90	93.60	9,927.9	-203.1	3,638.8	3,642.0	12.79	-7.10	-10.65
13,318.0	85.50	91.70	9,931.4	-205.6	3,691.6	3,694.8	4.45	-2.64	-3.58
13,349.0	86.00	90.70	9,933.7	-206.2	3,722.5	3,725.7	3.60	1.61	-3.23
13,380.0	86.00	90.40	9,935.9	-206.5	3,753.4	3,756.7	0.97	0.00	-0.97
13,411.0	86.00	90.50	9,938.1	-206.8	3,784.3	3,787.6	0.32	0.00	0.32
13,442.0	86.40	91.00	9,940.1	-207.2	3,815.3	3,818.5	2.06	1.29	1.61
13,474.0	86.40	90.80	9,942.1	-207.7	3,847.2	3,850.4	0.62	0.00	-0.63
13,505.0	86.20	89.80	9,944.1	-207.8	3,878.1	3,881.4	3.28	-0.65	-3.23
13,536.0	85.60	87.60	9,946.3	-207.1	3,909.0	3,912.3	7.34	-1.94	-7.10
13,567.0	85.30	87.80	9,948.8	-205.9	3,939.9	3,943.1	1.16	-0.97	0.65
13,598.0	85.70	87.50	9,951.2	-204.6	3,970.8	3,974.0	1.61	1.29	-0.97
13,630.0	87.30	87.50	9,953.2	-203.2	4,002.7	4,005.8	5.00	5.00	0.00
13,661.0	87.60	86.90	9,954.6	-201.7	4,033.6	4,036.7	2.16	0.97	-1.94
13,692.0	88.80	85.50	9,955.5	-199.7	4,064.5	4,067.6	5.95	3.87	-4.52
13,723.0	89.50	85.90	9,956.0	-197.3	4,095.5	4,098.5	2.60	2.26	1.29
13,754.0	90.80	87.00	9,955.9	-195.4	4,126.4	4,129.4	5.49	4.19	3.55
13,848.0	91.00	87.50	9,954.4	-190.9	4,220.3	4,223.1	0.57	0.21	0.53
13,941.0	89.30	85.60	9,954.2	-185.3	4,313.1	4,315.8	2.74	-1.83	-2.04
14,035.0	90.90	87.20	9,954.0	-179.4	4,406.9	4,409.5	2.41	1.70	1.70
14,129.0	90.90	87.00	9,952.5	-174.6	4,500.8	4,503.3	0.21	0.00	-0.21



Stryker Directional Survey Report



Company:	Mewbourne Oil Company .	Local Co-ordinate Reference:	Well Goose 29-28 W2BA St Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Site:	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H	MD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Well:	Goose 29-28 W2BA St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
14,222.0	88.20	84.80	9,953.3	-168.0	4,593.5	4,595.9	3.74	-2.90	-2.37
14,316.0	87.30	84.40	9,957.0	-159.2	4,687.0	4,689.2	1.05	-0.96	-0.43
14,409.0	89.20	86.10	9,959.8	-151.5	4,779.7	4,781.7	2.74	2.04	1.83
14,502.0	92.10	87.10	9,958.8	-146.0	4,872.5	4,874.4	3.30	3.12	1.08
14,596.0	89.50	91.00	9,957.4	-144.4	4,966.4	4,968.3	4.99	-2.77	4.15
14,689.0	89.10	91.80	9,958.6	-146.7	5,059.4	5,061.3	0.96	-0.43	0.86
14,783.0	88.40	90.00	9,960.6	-148.1	5,153.4	5,155.2	2.05	-0.74	-1.91
14,876.0	89.10	91.10	9,962.7	-149.0	5,246.3	5,248.2	1.40	0.75	1.18
14,970.0	87.90	90.00	9,965.1	-149.9	5,340.3	5,342.2	1.73	-1.28	-1.17
15,064.0	90.00	91.60	9,966.8	-151.3	5,434.3	5,436.2	2.81	2.23	1.70
15,157.0	89.80	92.00	9,967.0	-154.2	5,527.2	5,529.1	0.48	-0.22	0.43
15,251.0	90.20	92.70	9,967.0	-158.0	5,621.1	5,623.1	0.86	0.43	0.74
15,345.0	90.30	92.70	9,966.6	-162.5	5,715.0	5,717.1	0.11	0.11	0.00
15,439.0	90.30	94.30	9,966.1	-168.2	5,808.8	5,811.0	1.70	0.00	1.70
15,533.0	90.40	93.10	9,965.5	-174.3	5,902.6	5,904.9	1.28	0.11	-1.28
15,626.0	88.70	90.80	9,966.3	-177.4	5,995.6	5,997.9	3.08	-1.83	-2.47
15,720.0	85.80	87.40	9,970.8	-176.0	6,089.4	6,091.7	4.75	-3.09	-3.62
15,813.0	88.00	88.40	9,975.8	-172.5	6,182.2	6,184.4	2.60	2.37	1.08
15,907.0	83.50	85.70	9,982.8	-167.7	6,275.8	6,277.9	5.58	-4.79	-2.87
15,938.0	86.20	86.30	9,985.5	-165.6	6,306.6	6,308.6	8.92	8.71	1.94
16,001.0	86.10	85.30	9,989.8	-161.0	6,369.3	6,371.2	1.59	-0.16	-1.59
16,046.0	85.90	88.70	9,992.9	-158.6	6,414.1	6,416.0	7.55	-0.44	7.56
16,077.0	87.00	88.60	9,994.8	-157.9	6,445.1	6,446.9	3.56	3.55	-0.32
16,109.0	89.30	88.50	9,995.9	-157.1	6,477.0	6,478.8	7.19	7.19	-0.31
16,140.0	90.20	88.20	9,996.0	-156.2	6,508.0	6,509.8	3.06	2.90	-0.97
16,171.0	90.00	86.40	9,995.9	-154.7	6,539.0	6,540.7	5.84	-0.65	-5.81
16,203.0	87.30	83.20	9,996.7	-151.8	6,570.8	6,572.5	13.08	-8.44	-10.00
16,265.0	86.90	81.20	9,999.8	-143.4	6,632.2	6,633.7	3.29	-0.65	-3.23
16,301.0	87.80	80.20	10,001.5	-137.6	6,667.7	6,669.1	3.73	2.50	-2.78
16,332.0	88.00	80.00	10,002.6	-132.3	6,698.2	6,699.5	0.91	0.65	-0.65
16,395.0	89.80	82.80	10,003.8	-122.9	6,760.4	6,761.6	5.28	2.86	4.44
16,426.0	89.30	85.30	10,004.1	-119.7	6,791.3	6,792.3	8.22	-1.61	8.06
16,457.0	90.90	88.20	10,004.0	-117.9	6,822.2	6,823.2	10.68	5.16	9.35
16,488.0	91.10	90.00	10,003.5	-117.4	6,853.2	6,854.2	5.84	0.65	5.81
16,520.0	90.90	91.90	10,002.9	-118.0	6,885.2	6,886.2	5.97	-0.63	5.94
16,551.0	90.90	93.40	10,002.5	-119.4	6,916.2	6,917.2	4.84	0.00	4.84
16,582.0	91.30	94.00	10,001.9	-121.4	6,947.1	6,948.1	2.33	1.29	1.94
16,613.0	91.80	94.00	10,001.0	-123.5	6,978.0	6,979.1	1.61	1.61	0.00
16,675.0	91.60	94.10	9,999.2	-127.9	7,039.8	7,041.0	0.36	-0.32	0.16
16,769.0	91.40	93.40	9,996.7	-134.1	7,133.6	7,134.9	0.77	-0.21	-0.74
16,862.0	91.90	93.80	9,994.0	-139.9	7,226.4	7,227.7	0.69	0.54	0.43
16,956.0	91.80	94.70	9,991.0	-146.9	7,320.1	7,321.5	0.96	-0.11	0.96
17,024.0	91.40	94.30	9,989.1	-152.2	7,387.8	7,389.4	0.83	-0.59	-0.59



Stryker Directional Survey Report

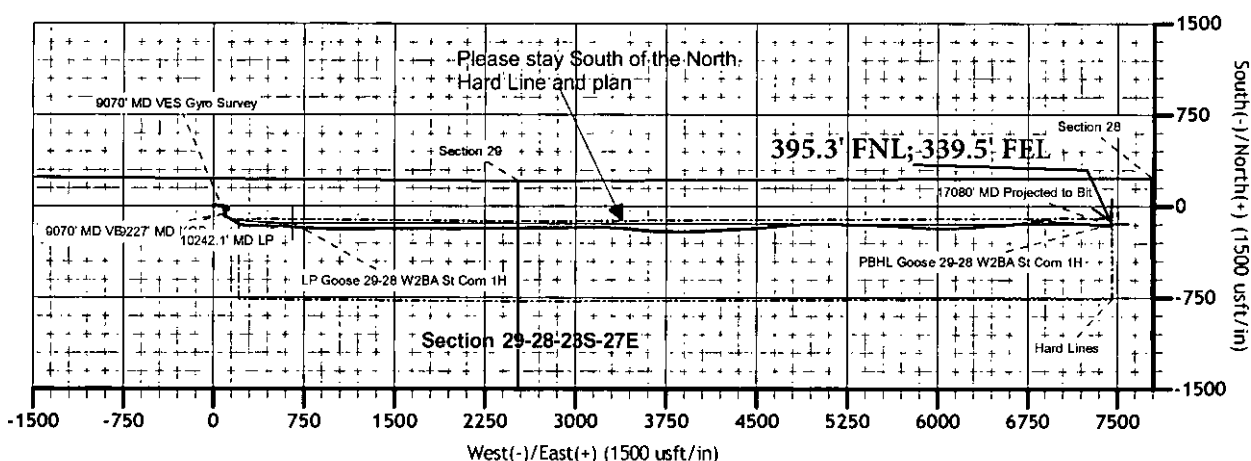


Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Goose 29-28 W2BA St Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Site:	Section 29-28-23S-27E Goose 29-28 W2BA St Com 1H	MD Reference:	3179 +27 @ 3206.0usft (Patterson #243)
Well:	Goose 29-28 W2BA St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
17,080.0	91.40	94.30	9,987.7	-156.4	7,443.7	7,445.3	0.00	0.00	0.00
17080' MD Projected to Bit									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,070.0	9,064.1	-63.5	91.6	9070' MD VES Gyro Survey
17,080.0	9,987.7	-156.4	7,443.7	17080' MD Projected to Bit

GEODETIC ZONE: New Mexico East 3001 3179 +27 @ 3206.Dust (Patterson #243) GROUND ELEVATION: 3179.0										Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude					
0.0	0.0	466429.40	537745.00	32° 16' 56.179 N	104° 12' 40.311 W					
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	9070.0	1.17	230.12	9064.1	-63.5	91.6	0.00	0.00	92.8	
2	9227.0	1.17	230.12	9221.1	-65.5	89.2	0.00	0.00	90.4	
3	9295.8	8.02	219.36	9289.7	-69.7	85.6	9.98	-12.57	86.9	
4	10242.1	89.34	90.04	9911.0	-137.0	651.0	9.98	-129.12	653.5	LP Goose 29-28 W2BA St Corn 1H
5	17043.6	89.34	90.04	9988.9	-141.7	7452.0	0.00	0.00	7453.3	PBHL Goose 29-28 W2BA St Corn 1H



SHL 230' FNL; 2523' FEL
Section 29-23S-27E
PBHL 380' FNL; 330' FEL
Section 28-23S-27E

