

OPERATOR
WELL/LEASE
COUNTY

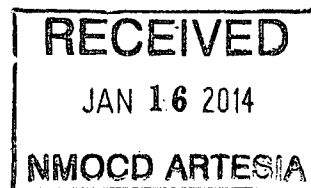
MEWBOURNE OIL COMPANY
SAN LORENZO 15 BO 001H
EDDY

187-0011

STATE OF NEW MEXICO
DEVIATION REPORT

15-40403

1,222	0.37
1,634	0.37
2,132	3.70
2,322	4.33
2,607	2.57
3,077	1.35
3,548	0.79
4,048	0.34
4,548	0.64
4,992	0.96
5,404	0.85
5,874	1.59
6,330	1.17
6,830	2.17
7,297	1.80
7,676	1.51
8,053	1.28
8,523	1.11
9,020	1.74
9,440	1.47



STATE OF TEXAS

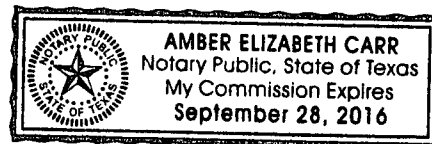
COUNTY OF MIDLAND

BY: Steve Moore

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

12/18/13, by

Amber Elizabeth Carr
Notary Public for Midland County, Texas
My Commission Expires:





Company: MEWBOURNE OIL
Lease/Well: SAN LORENZO 15 OB FEE COM / No. 001H
Location: SEC15, TS25, SR28, E, N.M.P.M.
Rig Name: PATTERSON 187
State/County: NEW MEXICO/EDDY
Latitude: 32.12, Longitude: -104.07
GRID North is 0.14 Degrees East of True North
VS-Azi: 0.00 Degrees



DRILLOG HA GYRO SURVEY CALCULATIONS
Filename: SANLORENZO15OBFEECOMM#1H.ut
Minimum Curvature Method
Report Date/Time: 11/4/2013 / 10:15

VAUGHN ENERGY SERVICES
CORPUS CHRISTI, TX
1-(800)606-4976
SURVEYOR: Jeremy Rounsavall
San Lorenzo 15 OB Fee Com No. 001H / API 30-015-40403

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.49	97.26	100.00	-0.05	0.42	-0.05	0.43	97.26	0.49
200.00	0.94	83.96	199.99	-0.02	1.66	-0.02	1.66	90.74	0.48
300.00	1.44	77.59	299.97	0.33	3.70	0.33	3.71	84.82	0.52
400.00	0.94	92.17	399.95	0.57	5.75	0.57	5.78	84.30	0.58
500.00	1.05	129.30	499.93	-0.04	7.29	-0.04	7.29	90.31	0.64
600.00	1.10	132.04	599.92	-1.26	8.71	-1.26	8.80	98.25	0.07
700.00	1.26	140.78	699.89	-2.76	10.11	-2.76	10.48	105.24	0.24
800.00	0.54	145.62	799.88	-4.00	11.08	-4.00	11.78	109.85	0.72
900.00	0.70	146.47	899.88	-4.90	11.68	-4.90	12.67	112.76	0.16
1000.00	0.64	151.06	999.87	-5.90	12.29	-5.90	13.64	115.65	0.08
1100.00	0.71	166.09	1099.86	-7.00	12.71	-7.00	14.51	118.83	0.19
1200.00	0.57	147.09	1199.86	-8.02	13.13	-8.02	15.39	121.41	0.26
1300.00	0.33	132.60	1299.85	-8.63	13.62	-8.63	16.12	122.37	0.26
1400.00	0.43	156.72	1399.85	-9.17	13.98	-9.17	16.72	123.27	0.18
1500.00	0.70	161.71	1499.85	-10.10	14.32	-10.10	17.52	125.19	0.27
1600.00	0.29	188.46	1599.84	-10.92	14.47	-10.92	18.13	127.04	0.46
1700.00	0.74	204.56	1699.84	-11.76	14.17	-11.76	18.41	129.69	0.47
1800.00	1.15	244.70	1799.82	-12.78	12.99	-12.78	18.22	134.52	0.75
1900.00	0.98	94.02	1899.82	-13.27	12.94	-13.27	18.53	135.71	2.06
2000.00	2.48	96.22	1999.77	-13.56	15.94	-13.56	20.93	130.38	1.50
2100.00	2.78	95.62	2099.66	-14.03	20.51	-14.03	24.85	124.38	0.30

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2200.00	4.02	93.55	2199.49	-14.49	26.42	-14.49	30.13	118.73	1.25
2300.00	4.87	94.70	2299.18	-15.05	34.16	-15.05	37.33	113.78	0.85
2400.00	4.68	87.14	2398.84	-15.19	42.46	-15.19	45.10	109.69	0.66
2500.00	3.50	102.32	2498.58	-15.64	49.52	-15.64	51.93	107.53	1.59
2600.00	2.14	101.77	2598.46	-16.68	54.34	-16.68	56.84	107.06	1.36
2700.00	1.87	109.05	2698.40	-17.59	57.71	-17.59	60.33	106.95	0.37
2800.00	1.73	105.01	2798.35	-18.51	60.71	-18.51	63.47	106.96	0.19
2900.00	1.29	111.33	2898.31	-19.31	63.22	-19.31	66.10	106.99	0.47
3000.00	1.39	110.12	2998.29	-20.14	65.40	-20.14	68.44	107.12	0.10
3100.00	1.17	126.61	3098.26	-21.17	67.36	-21.17	70.61	107.44	0.43
3200.00	0.93	130.96	3198.25	-22.31	68.79	-22.31	72.32	107.97	0.25
3300.00	0.71	139.94	3298.24	-23.32	69.81	-23.32	73.60	108.47	0.25
3400.00	0.68	144.91	3398.23	-24.28	70.55	-24.28	74.61	108.99	0.07
3500.00	0.56	155.45	3498.22	-25.21	71.10	-25.21	75.43	109.52	0.17
3600.00	0.53	169.75	3598.22	-26.11	71.38	-26.11	76.00	110.09	0.14
3700.00	0.22	109.30	3698.22	-26.62	71.64	-26.62	76.43	110.38	0.46
3800.00	0.17	112.72	3798.22	-26.74	71.95	-26.74	76.76	110.39	0.05
3900.00	0.13	144.81	3898.22	-26.89	72.15	-26.89	77.00	110.44	0.09
4000.00	0.32	204.39	3998.21	-27.23	72.10	-27.23	77.07	110.69	0.27
4100.00	0.23	217.09	4098.21	-27.64	71.87	-27.64	77.00	111.04	0.11
4200.00	0.34	226.11	4198.21	-28.00	71.54	-28.00	76.82	111.38	0.12
4300.00	0.25	226.38	4298.21	-28.36	71.17	-28.36	76.61	111.73	0.10
4400.00	0.53	221.69	4398.21	-28.85	70.70	-28.85	76.36	112.20	0.29
4500.00	0.62	227.38	4498.20	-29.56	70.00	-29.56	75.99	112.90	0.10
4600.00	0.67	238.83	4598.20	-30.23	69.10	-30.23	75.43	113.63	0.14
4700.00	1.11	227.64	4698.18	-31.18	67.89	-31.18	74.71	114.67	0.47
4800.00	1.30	217.28	4798.16	-32.73	66.49	-32.73	74.11	116.21	0.29
4900.00	1.29	219.78	4898.14	-34.51	65.08	-34.51	73.66	117.93	0.06
5000.00	1.18	209.54	4998.11	-36.27	63.85	-36.27	73.43	119.60	0.25
5100.00	1.17	208.20	5098.09	-38.06	62.86	-38.06	73.49	121.19	0.03
5200.00	0.53	213.19	5198.08	-39.35	62.13	-39.35	73.54	122.35	0.65
5300.00	0.66	212.70	5298.08	-40.22	61.56	-40.22	73.54	123.16	0.13
5400.00	0.84	213.40	5398.07	-41.32	60.85	-41.32	73.55	124.18	0.18
5500.00	0.90	218.59	5498.06	-42.54	59.96	-42.54	73.52	125.36	0.10
5600.00	0.86	212.00	5598.04	-43.79	59.07	-43.79	73.53	126.55	0.11
5700.00	1.25	209.07	5698.03	-45.37	58.15	-45.37	73.75	127.97	0.39
5800.00	0.93	200.17	5798.01	-47.08	57.34	-47.08	74.19	129.39	0.36
5900.00	0.78	217.93	5898.00	-48.38	56.64	-48.38	74.49	130.50	0.30
6000.00	1.27	218.64	5997.98	-49.79	55.53	-49.79	74.58	131.88	0.49
6100.00	1.35	212.77	6097.96	-51.65	54.19	-51.65	74.86	133.62	0.16
6200.00	1.49	239.47	6197.93	-53.30	52.44	-53.30	74.77	135.47	0.67

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6300.00	1.28	263.40	6297.90	-54.09	50.21	-54.09	73.80	137.13	0.61
6400.00	1.15	295.75	6397.88	-53.78	48.20	-53.78	72.22	138.13	0.69
6500.00	2.08	287.99	6497.84	-52.79	45.57	-52.79	69.74	139.20	0.95
6600.00	1.65	276.92	6597.78	-52.05	42.42	-52.05	67.15	140.82	0.56
6700.00	2.09	284.16	6697.73	-51.44	39.23	-51.44	64.69	142.67	0.50
6800.00	2.46	272.95	6797.65	-50.88	35.32	-50.88	61.94	145.23	0.58
6900.00	2.71	289.16	6897.55	-49.99	30.94	-49.99	58.80	148.24	0.77
7000.00	2.80	290.83	6997.44	-48.35	26.43	-48.35	55.11	151.34	0.12
7100.00	3.65	299.63	7097.28	-45.91	21.39	-45.91	50.65	155.02	0.98
7200.00	2.35	282.41	7197.14	-43.90	16.62	-43.90	46.94	159.27	1.57
7300.00	2.35	264.13	7297.06	-43.67	12.58	-43.67	45.44	163.93	0.75
7400.00	2.44	261.97	7396.97	-44.17	8.44	-44.17	44.97	169.18	0.13
7500.00	2.10	247.54	7496.89	-45.17	4.64	-45.17	45.41	174.13	0.66
7600.00	2.33	237.94	7596.82	-46.95	1.23	-46.95	46.96	178.50	0.44
7700.00	1.93	215.97	7696.75	-49.39	-1.49	-49.39	49.42	181.72	0.90
7800.00	1.43	171.45	7796.71	-51.99	-2.29	-51.99	52.04	182.52	1.36
7900.00	1.23	173.54	7896.68	-54.30	-1.99	-54.30	54.33	182.09	0.20
8000.00	0.51	204.29	7996.67	-55.77	-2.05	-55.77	55.81	182.10	0.84
8100.00	1.14	220.13	8096.66	-56.94	-2.87	-56.94	57.01	182.89	0.66
8200.00	0.99	240.25	8196.64	-58.12	-4.26	-58.12	58.28	184.19	0.40
8300.00	0.70	243.00	8296.63	-58.83	-5.55	-58.83	59.09	185.39	0.29
8400.00	1.02	228.23	8396.62	-59.70	-6.76	-59.70	60.08	186.46	0.39
8500.00	1.05	216.62	8496.61	-61.02	-7.97	-61.02	61.54	187.44	0.21
8600.00	2.11	209.08	8596.57	-63.36	-9.41	-63.36	64.06	188.44	1.08
8700.00	2.42	205.66	8696.49	-66.87	-11.21	-66.87	67.80	189.52	0.34
8800.00	2.07	213.47	8796.41	-70.27	-13.12	-70.27	71.49	190.57	0.46
8900.00	1.79	217.53	8896.36	-73.02	-15.07	-73.02	74.55	191.66	0.31
9000.00	1.92	225.25	8996.30	-75.43	-17.21	-75.43	77.37	192.85	0.28
9100.00	1.70	215.51	9096.25	-77.82	-19.25	-77.82	80.16	193.90	0.38
9200.00	1.39	219.04	9196.22	-79.96	-20.88	-79.96	82.64	194.63	0.32
9300.00	1.47	209.00	9296.19	-82.03	-22.26	-82.03	84.99	195.18	0.26
9400.00	1.65	206.48	9396.15	-84.43	-23.52	-84.43	87.65	195.57	0.20
9500.00	1.59	201.78	9496.11	-87.01	-24.68	-87.01	90.44	195.84	0.15
9600.00	1.82	203.18	9596.07	-89.75	-25.82	-89.75	93.39	196.05	0.23
9700.00	1.61	205.86	9696.02	-92.48	-27.06	-92.48	96.35	196.31	0.22
9800.00	1.54	221.51	9795.98	-94.75	-28.56	-94.75	98.96	196.78	0.43

Mewbourne Oil Co

Eddy County, New Mexico

Sec 15-25S-28E

San Lorenzo 15 OB #1H

Wellbore #1

Design: Wellbore #1

DDC Survey Report

21 November, 2013



DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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 15-25S-28E			
Site Position:		Northing:	413,409.51 usft	Latitude:	32° 8' 10.781 N
From:	Map	Easting:	578,072.26 usft	Longitude:	104° 4' 51.994 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.13 °

Well	San Lorenzo 15 OB #1H					
Well Position	+N/-S	0.0 usft	Northing:	408,749.83 usft	Latitude:	32° 7' 24.595 N
	+E/-W	0.0 usft	Easting:	581,112.48 usft	Longitude:	104° 4' 16.767 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	2,976.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/9/2013	7.53	59.95	48,281

Design	Wellbore #1				
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	359.79	

Survey Program	Date	11/21/2013			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	9,800.0	VES Gyro Survey (Wellbore #1)	Good_gyro	Good Gyro	
9,910.0	15,040.0	MWD (Wellbore #1)	MWD default	MWD - Standard	

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	
100.0	0.49	97.26	100.0	-0.1	0.4	-0.1	0.49	0.49	0.00	
200.0	0.94	83.96	200.0	0.0	1.7	0.0	0.48	0.45	-13.30	
300.0	1.44	77.59	300.0	0.3	3.7	0.3	0.52	0.50	-6.37	
400.0	0.94	92.17	399.9	0.6	5.8	0.6	0.58	-0.50	14.58	
500.0	1.05	129.30	499.9	0.0	7.3	-0.1	0.64	0.11	37.13	
600.0	1.10	132.04	599.9	-1.3	8.7	-1.3	0.07	0.05	2.74	
700.0	1.26	140.78	699.9	-2.8	10.1	-2.8	0.24	0.16	8.74	
800.0	0.54	145.62	799.9	-4.0	11.1	-4.0	0.72	-0.72	4.84	
900.0	0.70	146.47	899.9	-4.9	11.7	-4.9	0.16	0.16	0.85	

DDC Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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	0.64	151.06	999.9	-5.9	12.3	-5.9	0.08	-0.06	4.59
1,100.0	0.71	166.09	1,099.9	-7.0	12.7	-7.0	0.19	0.07	15.03
1,200.0	0.57	147.09	1,199.9	-8.0	13.1	-8.0	0.25	-0.14	-19.00
1,300.0	0.33	132.60	1,299.9	-8.6	13.6	-8.7	0.26	-0.24	-14.49
1,400.0	0.43	156.72	1,399.9	-9.2	14.0	-9.2	0.19	0.10	24.12
1,500.0	0.70	161.71	1,499.8	-10.1	14.3	-10.1	0.27	0.27	4.99
1,600.0	0.29	188.46	1,599.8	-10.9	14.5	-11.0	0.46	-0.41	26.75
1,700.0	0.74	204.56	1,699.8	-11.7	14.2	-11.8	0.47	0.45	16.10
1,800.0	1.15	244.70	1,799.8	-12.8	13.0	-12.8	0.75	0.41	40.14
1,900.0	0.98	94.02	1,899.8	-13.3	12.9	-13.3	2.06	-0.17	-150.68
2,000.0	2.48	96.22	1,999.8	-13.5	15.9	-13.6	1.50	1.50	2.20
2,100.0	2.78	95.62	2,099.7	-14.0	20.5	-14.1	0.30	0.30	-0.60
2,200.0	4.02	93.55	2,199.5	-14.5	26.4	-14.6	1.25	1.24	-2.07
2,300.0	4.87	94.70	2,299.2	-15.0	34.1	-15.2	0.85	0.85	1.15
2,400.0	4.68	87.14	2,398.8	-15.2	42.4	-15.3	0.66	-0.19	-7.56
2,500.0	3.50	102.32	2,498.6	-15.6	49.5	-15.8	1.59	-1.18	15.18
2,600.0	2.14	101.77	2,598.5	-16.7	54.3	-16.9	1.36	-1.36	-0.55
2,700.0	1.87	109.05	2,698.4	-17.6	57.7	-17.8	0.37	-0.27	7.28
2,800.0	1.73	105.01	2,798.4	-18.5	60.7	-18.7	0.19	-0.14	-4.04
2,900.0	1.29	111.33	2,898.3	-19.3	63.2	-19.5	0.47	-0.44	6.32
3,000.0	1.39	110.12	2,998.3	-20.1	65.4	-20.4	0.10	0.10	-1.21
3,100.0	1.17	126.61	3,098.3	-21.2	67.3	-21.4	0.43	-0.22	16.49
3,200.0	0.93	130.96	3,198.2	-22.3	68.8	-22.5	0.25	-0.24	4.35
3,300.0	0.71	139.94	3,298.2	-23.3	69.8	-23.6	0.25	-0.22	8.98
3,400.0	0.68	144.91	3,398.2	-24.3	70.5	-24.5	0.07	-0.03	4.97
3,500.0	0.56	155.45	3,498.2	-25.2	71.1	-25.4	0.17	-0.12	10.54
3,600.0	0.53	169.75	3,598.2	-26.1	71.3	-26.3	0.14	-0.03	14.30
3,700.0	0.22	109.30	3,698.2	-26.6	71.6	-26.9	0.46	-0.31	-60.45
3,800.0	0.17	112.72	3,798.2	-26.7	71.9	-27.0	0.05	-0.05	3.42
3,900.0	0.13	144.81	3,898.2	-26.9	72.1	-27.1	0.09	-0.04	32.09
4,000.0	0.32	204.39	3,998.2	-27.2	72.1	-27.5	0.28	0.19	59.58
4,100.0	0.23	217.09	4,098.2	-27.6	71.8	-27.9	0.11	-0.09	12.70
4,200.0	0.34	226.11	4,198.2	-28.0	71.5	-28.3	0.12	0.11	9.02
4,300.0	0.25	226.38	4,298.2	-28.4	71.1	-28.6	0.09	-0.09	0.27
4,400.0	0.53	221.69	4,398.2	-28.9	70.7	-29.1	0.28	0.28	-4.69
4,500.0	0.62	227.38	4,498.2	-29.6	70.0	-29.8	0.11	0.09	5.69
4,600.0	0.67	238.83	4,598.2	-30.2	69.1	-30.5	0.14	0.05	11.45
4,700.0	1.11	227.64	4,698.2	-31.2	67.8	-31.4	0.47	0.44	-11.19
4,800.0	1.30	217.28	4,798.2	-32.7	66.4	-33.0	0.29	0.19	-10.36
4,900.0	1.29	219.78	4,898.1	-34.5	65.0	-34.8	0.06	-0.01	2.50
5,000.0	1.18	209.54	4,998.1	-36.3	63.8	-36.5	0.25	-0.11	-10.24
5,100.0	1.17	208.20	5,098.1	-38.1	62.8	-38.3	0.03	-0.01	-1.34
5,200.0	0.53	213.19	5,198.1	-39.4	62.1	-39.6	0.64	-0.64	4.99

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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	0.66	212.70	5,298.1	-40.2	61.5	-40.5	0.13	0.13	-0.49	
5,400.0	0.84	213.40	5,398.1	-41.3	60.8	-41.5	0.18	0.18	0.70	
5,500.0	0.90	218.59	5,498.1	-42.6	59.9	-42.8	0.10	0.06	5.19	
5,600.0	0.86	212.00	5,598.0	-43.8	59.0	-44.0	0.11	-0.04	-6.59	
5,700.0	1.25	209.07	5,698.0	-45.4	58.1	-45.6	0.39	0.39	-2.93	
5,800.0	0.93	200.17	5,798.0	-47.1	57.3	-47.3	0.36	-0.32	-8.90	
5,900.0	0.78	217.93	5,898.0	-48.4	56.6	-48.6	0.30	-0.15	17.76	
6,000.0	1.27	218.64	5,998.0	-49.8	55.5	-50.0	0.49	0.49	0.71	
6,100.0	1.35	212.77	6,098.0	-51.7	54.1	-51.9	0.16	0.08	-5.87	
6,200.0	1.49	239.47	6,197.9	-53.3	52.4	-53.5	0.67	0.14	26.70	
6,300.0	1.28	263.40	6,297.9	-54.1	50.2	-54.3	0.61	-0.21	23.93	
6,400.0	1.15	295.75	6,397.9	-53.8	48.1	-54.0	0.69	-0.13	32.35	
6,500.0	2.08	287.99	6,497.8	-52.8	45.5	-53.0	0.95	0.93	-7.76	
6,600.0	1.65	276.92	6,597.8	-52.1	42.4	-52.2	0.56	-0.43	-11.07	
6,700.0	2.09	284.16	6,697.7	-51.4	39.2	-51.6	0.50	0.44	7.24	
6,800.0	2.46	272.95	6,797.7	-50.9	35.3	-51.0	0.58	0.37	-11.21	
6,900.0	2.71	289.16	6,897.6	-50.0	30.9	-50.1	0.77	0.25	16.21	
7,000.0	2.80	290.83	6,997.4	-48.4	26.4	-48.5	0.12	0.09	1.67	
7,100.0	3.65	299.63	7,097.3	-45.9	21.3	-46.0	0.98	0.85	8.80	
7,200.0	2.35	282.41	7,197.1	-43.9	16.5	-44.0	1.57	-1.30	-17.22	
7,300.0	2.35	264.13	7,297.1	-43.7	12.5	-43.7	0.75	0.00	-18.28	
7,400.0	2.44	261.97	7,397.0	-44.2	8.4	-44.2	0.13	0.09	-2.16	
7,500.0	2.10	247.54	7,496.9	-45.2	4.6	-45.2	0.66	-0.34	-14.43	
7,600.0	2.33	237.94	7,596.8	-47.0	1.1	-47.0	0.44	0.23	-9.60	
7,700.0	1.93	215.97	7,696.7	-49.4	-1.6	-49.4	0.90	-0.40	-21.97	
7,800.0	1.43	171.45	7,796.7	-52.0	-2.4	-52.0	1.35	-0.50	-44.52	
7,900.0	1.23	173.54	7,896.7	-54.3	-2.1	-54.3	0.21	-0.20	2.09	
8,000.0	0.51	204.29	7,996.7	-55.8	-2.1	-55.8	0.83	-0.72	30.75	
8,100.0	1.14	220.13	8,096.7	-56.9	-3.0	-56.9	0.66	0.63	15.84	
8,200.0	0.99	240.25	8,196.6	-58.1	-4.4	-58.1	0.40	-0.15	20.12	
8,300.0	0.70	243.00	8,296.6	-58.8	-5.6	-58.8	0.29	-0.29	2.75	
8,400.0	1.02	228.23	8,396.6	-59.7	-6.9	-59.7	0.39	0.32	-14.77	
8,500.0	1.05	216.62	8,496.6	-61.0	-8.1	-61.0	0.21	0.03	-11.61	
8,600.0	2.11	209.08	8,596.6	-63.4	-9.5	-63.3	1.08	1.06	-7.54	
8,700.0	2.42	205.66	8,696.5	-66.9	-11.3	-66.8	0.34	0.31	-3.42	
8,800.0	2.07	213.47	8,796.4	-70.3	-13.2	-70.2	0.46	-0.35	7.81	
8,900.0	1.79	217.53	8,896.4	-73.0	-15.2	-73.0	0.31	-0.28	4.06	
9,000.0	1.92	225.25	8,996.3	-75.5	-17.3	-75.4	0.28	0.13	7.72	
9,100.0	1.70	215.51	9,096.3	-77.8	-19.4	-77.8	0.38	-0.22	-9.74	
9,200.0	1.39	219.04	9,196.2	-80.0	-21.0	-79.9	0.32	-0.31	3.53	
9,300.0	1.47	209.00	9,296.2	-82.1	-22.4	-82.0	0.26	0.08	-10.04	
9,400.0	1.65	206.48	9,396.1	-84.5	-23.6	-84.4	0.19	0.18	-2.52	
9,500.0	1.59	201.78	9,496.1	-87.0	-24.8	-87.0	0.15	-0.06	-4.70	

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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	1.82	203.18	9,596.1	-89.8	-25.9	-89.7	0.23	0.23	1.40
9,700.0	1.61	205.86	9,696.0	-92.5	-27.2	-92.4	0.22	-0.21	2.68
Tie In @ 9800' MD / 9796' TVD									
9,800.0	1.54	221.51	9,796.0	-94.8	-28.7	-94.7	0.43	-0.07	15.65
9,910.0	1.20	228.00	9,906.0	-96.7	-30.5	-96.6	0.34	-0.31	5.90
9,941.0	1.10	271.60	9,936.9	-96.9	-31.1	-96.8	2.77	-0.32	140.65
9,973.0	2.60	319.00	9,968.9	-96.3	-31.8	-96.2	6.33	4.69	148.13
10,005.0	4.80	335.20	10,000.9	-94.6	-32.9	-94.4	7.55	6.88	50.63
10,036.0	5.40	341.20	10,031.7	-92.0	-33.9	-91.9	2.59	1.94	19.35
10,068.0	6.50	343.50	10,063.6	-88.8	-34.9	-88.7	3.52	3.44	7.19
10,099.0	10.10	344.50	10,094.2	-84.5	-36.1	-84.4	11.62	11.61	3.23
10,131.0	13.60	342.80	10,125.5	-78.2	-38.0	-78.1	10.99	10.94	-5.31
10,162.0	17.10	341.70	10,155.4	-70.4	-40.5	-70.3	11.33	11.29	-3.55
10,194.0	18.70	343.50	10,185.9	-61.0	-43.4	-60.9	5.29	5.00	5.63
10,226.0	21.70	346.30	10,215.9	-50.4	-46.3	-50.2	9.85	9.38	8.75
10,258.0	25.10	346.30	10,245.3	-38.0	-49.3	-37.8	10.63	10.63	0.00
10,289.0	28.30	345.40	10,273.0	-24.5	-52.7	-24.3	10.40	10.32	-2.90
10,320.0	31.20	344.90	10,299.9	-9.6	-56.6	-9.4	9.39	9.35	-1.61
Crossed Hard Line @ 10338' MD / 10315' TVD									
10,338.2	33.08	344.66	10,315.3	-0.3	-59.2	-0.1	10.35	10.32	-1.34
10,351.0	34.40	344.50	10,325.9	6.5	-61.1	6.8	10.35	10.32	-1.23
10,383.0	37.50	344.50	10,351.8	24.6	-66.1	24.9	9.69	9.69	0.00
10,414.0	40.50	345.60	10,375.9	43.5	-71.1	43.8	9.93	9.68	3.55
10,446.0	44.00	346.30	10,399.6	64.4	-76.3	64.6	11.04	10.94	2.19
10,478.0	47.40	346.50	10,422.0	86.6	-81.7	86.9	10.63	10.63	0.63
10,509.0	50.60	346.50	10,442.3	109.4	-87.2	109.7	10.32	10.32	0.00
10,541.0	54.60	347.00	10,461.7	134.1	-93.0	134.4	12.56	12.50	1.56
10,572.0	58.40	348.40	10,478.8	159.4	-98.5	159.7	12.82	12.26	4.52
10,596.0	61.50	348.80	10,490.8	179.7	-102.6	180.1	13.00	12.92	1.67
10,681.0	67.50	350.20	10,527.4	255.1	-116.6	255.6	7.21	7.06	1.65
10,713.0	68.70	351.00	10,539.4	284.4	-121.4	284.9	4.41	3.75	2.50
10,744.0	71.10	353.10	10,550.0	313.2	-125.4	313.7	10.02	7.74	6.77
10,776.0	73.00	355.10	10,559.9	343.5	-128.6	344.0	8.40	5.94	6.25
10,807.0	73.90	356.70	10,568.7	373.2	-130.7	373.6	5.74	2.90	5.16
10,839.0	75.10	357.00	10,577.3	404.0	-132.4	404.4	3.86	3.75	0.94
10,870.0	76.40	357.00	10,584.9	434.0	-133.9	434.4	4.19	4.19	0.00
10,902.0	78.30	357.20	10,591.9	465.1	-135.5	465.6	5.97	5.94	0.63
10,934.0	81.40	358.60	10,597.5	496.6	-136.7	497.1	10.60	9.69	4.38
10,966.0	85.40	0.70	10,601.2	528.4	-136.9	528.9	14.10	12.50	6.56
10,997.0	90.60	2.10	10,602.3	559.3	-136.1	559.8	17.37	16.77	4.52
11,029.0	87.80	0.90	10,602.7	591.3	-135.3	591.8	9.52	-8.75	-3.75
11,060.0	90.40	3.00	10,603.2	622.3	-134.2	622.8	10.78	8.39	6.77
11,092.0	90.00	2.10	10,603.1	654.3	-132.8	654.8	3.08	-1.25	-2.81
11,123.0	88.90	1.10	10,603.4	685.3	-131.9	685.7	4.80	-3.55	-3.23

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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)
11,155.0	86.20	359.80	10,604.8	717.2	-131.7	717.7	9.36	-8.44	-4.06
11,186.0	86.00	359.70	10,606.9	748.2	-131.8	748.6	0.72	-0.65	-0.32
11,218.0	88.50	359.70	10,608.4	780.1	-132.0	780.6	7.81	7.81	0.00
11,250.0	91.50	0.90	10,608.4	812.1	-131.8	812.6	10.10	9.38	3.75
11,281.0	91.60	0.50	10,607.6	843.1	-131.4	843.6	1.33	0.32	-1.29
11,313.0	91.90	0.70	10,606.6	875.1	-131.1	875.6	1.13	0.94	0.63
11,345.0	89.20	359.10	10,606.3	907.1	-131.2	907.5	9.81	-8.44	-5.00
11,376.0	89.40	0.40	10,606.7	938.1	-131.3	938.5	4.24	0.65	4.19
11,408.0	88.50	0.20	10,607.3	970.1	-131.1	970.5	2.88	-2.81	-0.63
11,439.0	87.10	358.60	10,608.5	1,001.0	-131.4	1,001.5	6.86	-4.52	-5.16
11,471.0	86.50	357.90	10,610.2	1,033.0	-132.4	1,033.4	2.88	-1.88	-2.19
11,503.0	88.50	358.40	10,611.6	1,064.9	-133.5	1,065.4	6.44	6.25	1.56
11,534.0	89.80	359.00	10,612.1	1,095.9	-134.2	1,096.4	4.62	4.19	1.94
11,566.0	89.90	358.40	10,612.2	1,127.9	-134.9	1,128.4	1.90	0.31	-1.88
11,629.0	88.70	357.90	10,613.0	1,190.9	-136.9	1,191.4	2.06	-1.90	-0.79
11,693.0	90.00	359.30	10,613.7	1,254.8	-138.5	1,255.3	2.99	2.03	2.19
11,756.0	89.30	359.50	10,614.1	1,317.8	-139.1	1,318.3	1.16	-1.11	0.32
11,819.0	90.60	359.80	10,614.1	1,380.8	-139.5	1,381.3	2.12	2.06	0.48
11,882.0	91.30	0.90	10,613.1	1,443.8	-139.1	1,444.3	2.07	1.11	1.75
11,946.0	91.70	1.40	10,611.4	1,507.8	-137.9	1,508.3	1.00	0.63	0.78
12,009.0	92.40	2.60	10,609.1	1,570.7	-135.7	1,571.2	2.20	1.11	1.90
12,072.0	90.80	3.20	10,607.4	1,633.6	-132.5	1,634.1	2.71	-2.54	0.95
12,136.0	88.10	2.30	10,608.0	1,697.5	-129.4	1,698.0	4.45	-4.22	-1.41
12,199.0	88.60	2.60	10,609.8	1,760.4	-126.7	1,760.9	0.93	0.79	0.48
12,262.0	90.00	3.70	10,610.6	1,823.3	-123.3	1,823.8	2.83	2.22	1.75
12,325.0	89.80	5.60	10,610.7	1,886.1	-118.1	1,886.5	3.03	-0.32	3.02
12,388.0	89.30	6.00	10,611.2	1,948.8	-111.8	1,949.2	1.02	-0.79	0.63
12,452.0	89.40	6.30	10,611.9	2,012.4	-104.9	2,012.8	0.49	0.16	0.47
12,483.0	87.60	8.10	10,612.7	2,043.2	-101.0	2,043.5	8.21	-5.81	5.81
12,609.0	87.90	8.60	10,617.7	2,167.7	-82.8	2,168.0	0.46	0.24	0.40
12,641.0	87.10	5.50	10,619.1	2,199.5	-78.8	2,199.7	10.00	-2.50	-9.69
12,704.0	88.40	5.60	10,621.5	2,262.1	-72.7	2,262.4	2.07	2.06	0.16
12,767.0	88.90	4.60	10,623.0	2,324.8	-67.1	2,325.1	1.77	0.79	-1.59
12,799.0	88.50	4.10	10,623.8	2,356.7	-64.7	2,357.0	2.00	-1.25	-1.56
12,862.0	90.40	4.90	10,624.4	2,419.5	-59.8	2,419.7	3.27	3.02	1.27
12,925.0	91.70	5.30	10,623.2	2,482.3	-54.2	2,482.5	2.16	2.06	0.63
12,988.0	90.10	5.30	10,622.2	2,545.0	-48.4	2,545.2	2.54	-2.54	0.00
13,052.0	90.80	3.70	10,621.7	2,608.8	-43.3	2,608.9	2.73	1.09	-2.50
13,084.0	91.40	3.90	10,621.1	2,640.7	-41.2	2,640.9	1.98	1.88	0.63
13,115.0	92.40	4.40	10,620.1	2,671.6	-39.0	2,671.7	3.61	3.23	1.61
13,147.0	92.10	4.90	10,618.8	2,703.5	-36.4	2,703.6	1.82	-0.94	1.56
13,178.0	91.70	4.60	10,617.8	2,734.4	-33.8	2,734.5	1.61	-1.29	-0.97
13,210.0	92.10	5.10	10,616.7	2,766.2	-31.1	2,766.3	2.00	1.25	1.56

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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)
13,241.0	92.20	5.10	10,615.6	2,797.1	-28.4	2,797.2	0.32	0.32	0.00
13,273.0	91.10	4.90	10,614.6	2,829.0	-25.6	2,829.0	3.49	-3.44	-0.63
13,305.0	89.30	5.80	10,614.5	2,860.8	-22.6	2,860.9	6.29	-5.63	2.81
13,336.0	89.00	6.00	10,615.0	2,891.6	-19.4	2,891.7	1.16	-0.97	0.65
13,368.0	89.50	5.60	10,615.4	2,923.5	-16.2	2,923.5	2.00	1.56	-1.25
13,400.0	89.70	5.30	10,615.6	2,955.3	-13.1	2,955.4	1.13	0.63	-0.94
13,431.0	90.10	5.30	10,615.7	2,986.2	-10.3	2,986.2	1.29	1.29	0.00
13,463.0	89.50	4.80	10,615.8	3,018.1	-7.4	3,018.1	2.44	-1.88	-1.56
13,494.0	89.70	5.10	10,616.0	3,049.0	-4.8	3,049.0	1.16	0.65	0.97
13,526.0	89.70	4.60	10,616.2	3,080.8	-2.1	3,080.8	1.56	0.00	-1.56
13,558.0	88.10	4.60	10,616.8	3,112.7	0.5	3,112.7	5.00	-5.00	0.00
13,589.0	87.80	3.20	10,617.9	3,143.6	2.6	3,143.6	4.62	-0.97	-4.52
13,621.0	87.80	4.10	10,619.1	3,175.6	4.6	3,175.5	2.81	0.00	2.81
13,653.0	87.90	4.20	10,620.3	3,207.4	7.0	3,207.4	0.44	0.31	0.31
13,684.0	88.60	4.20	10,621.3	3,238.3	9.2	3,238.3	2.26	2.26	0.00
13,716.0	88.50	5.50	10,622.1	3,270.2	11.9	3,270.2	4.07	-0.31	4.06
13,748.0	88.20	4.10	10,623.0	3,302.1	14.6	3,302.0	4.47	-0.94	-4.38
13,811.0	87.50	2.60	10,625.4	3,364.9	18.3	3,364.9	2.63	-1.11	-2.38
13,843.0	87.40	2.60	10,626.8	3,396.9	19.7	3,396.8	0.31	-0.31	0.00
13,874.0	88.30	3.00	10,628.0	3,427.8	21.2	3,427.7	3.18	2.90	1.29
13,906.0	88.60	4.10	10,628.8	3,459.7	23.2	3,459.6	3.56	0.94	3.44
13,937.0	89.30	3.50	10,629.4	3,490.7	25.3	3,490.6	2.97	2.26	-1.94
14,001.0	90.20	2.60	10,629.7	3,554.6	28.7	3,554.5	1.99	1.41	-1.41
14,064.0	90.80	4.20	10,629.1	3,617.5	32.4	3,617.3	2.71	0.95	2.54
14,127.0	90.50	3.90	10,628.4	3,680.3	36.9	3,680.1	0.67	-0.48	-0.48
14,191.0	90.50	4.60	10,627.9	3,744.1	41.6	3,743.9	1.09	0.00	1.09
14,254.0	89.40	4.40	10,627.9	3,806.9	46.6	3,806.7	1.77	-1.75	-0.32
14,317.0	90.10	3.20	10,628.2	3,869.8	50.7	3,869.6	2.21	1.11	-1.90
14,380.0	88.70	2.50	10,628.8	3,932.7	53.9	3,932.5	2.48	-2.22	-1.11
14,443.0	90.50	4.10	10,629.3	3,995.6	57.5	3,995.4	3.82	2.86	2.54
14,506.0	90.30	3.50	10,628.8	4,058.5	61.7	4,058.2	1.00	-0.32	-0.95
14,570.0	91.20	3.20	10,628.0	4,122.3	65.4	4,122.1	1.48	1.41	-0.47
14,633.0	90.60	3.50	10,627.0	4,185.2	69.1	4,184.9	1.06	-0.95	0.48
14,696.0	91.20	2.10	10,626.0	4,248.1	72.2	4,247.8	2.42	0.95	-2.22
14,759.0	91.90	3.00	10,624.3	4,311.1	75.0	4,310.7	1.81	1.11	1.43
14,823.0	92.90	4.40	10,621.6	4,374.9	79.1	4,374.5	2.69	1.56	2.19
14,854.0	93.70	4.60	10,619.9	4,405.7	81.5	4,405.4	2.66	2.58	0.65
14,886.0	94.00	6.20	10,617.7	4,437.5	84.5	4,437.2	5.08	0.94	5.00
14,918.0	93.50	6.30	10,615.6	4,469.2	88.0	4,468.9	1.59	-1.56	0.31
14,950.0	93.10	5.30	10,613.8	4,501.0	91.2	4,500.7	3.36	-1.25	-3.13
14,981.0	92.60	4.40	10,612.2	4,531.9	93.8	4,531.5	3.32	-1.61	-2.90
14,990.0	92.10	3.70	10,611.9	4,540.8	94.5	4,540.5	9.55	-5.56	-7.78
TD @ 15040' MD / 10610' TVD									
15,040.0	92.10	3.70	10,610.0	4,590.7	97.7	4,590.3	0.00	0.00	0.00

DDC
Survey Report



Company:	Mewbourne Oil Co	Local Co-ordinate Reference:	Well San Lorenzo 15 OB #1H
Project:	Eddy County, New Mexico	TVD Reference:	WELL @ 2996.0usft (Patterson #187)
Site:	Sec 15-25S-28E	MD Reference:	WELL @ 2996.0usft (Patterson #187)
Well:	San Lorenzo 15 OB #1H	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)

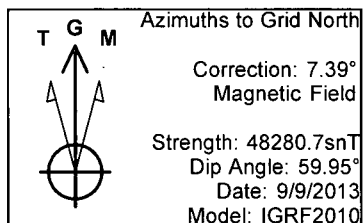
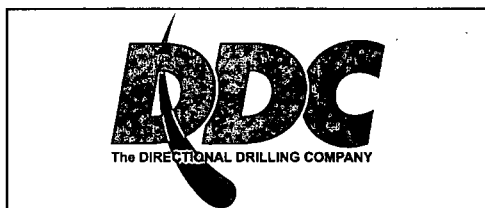
Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,800.0	9,796.0	-94.8	-28.7	Tie In @ 9800' MD / 9796' TVD
10,338.2	10,315.3	-0.3	-59.2	Crossed Hard Line @ 10338' MD / 10315' TVD
15,040.0	10,610.0	4,590.7	97.7	TD @ 15040' MD / 10610' TVD

Checked By: _____	Approved By: _____	Date: _____
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Company Name: Mewbourne Oil Co
San Lorenzo 15 OB #1H
Eddy County, New Mexico
Rig: Patterson #187
Created By: James Dawson
Date: 11/21/2013

San Lorenzo 15 OB #1H
Eddy County, New Mexico
Q130781 & WT-13782
Design #2 - Tied to Gyo

Mewbourne Oil Company



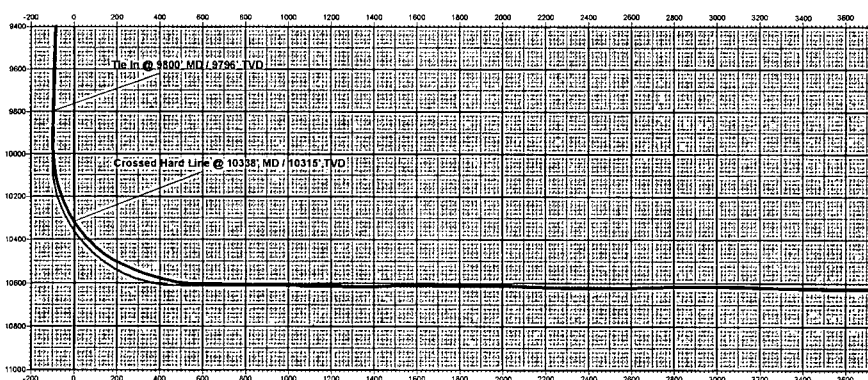
PROJECT DETAILS: Eddy County, New Mexico

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: San Lorenzo 15 OB #1H					
	Ground Level:	2976.0			
+N-S	+E-W	North	East	Latitude	Longitude
0.0	0.0	408749.93	581112.48	32° 7' 24.595 N	104° 4' 16.767 W

DESIGN TARGET DETAILS							
Name	TVD	+N-S	+E-W	North	East	Latitude	Longitude
PBHL San Lorenzo 15 OB Fee #1H DW2 - plan hits target center	10626.0	4666.1	-16.9	413415.94	581095.58	32° 8' 10.773 N	104° 4' 16.832 W

ANNOTATIONS									
MD	Inc	Azi	TVD	+N-S	+E-W	Vsect	Departure	Tie In	Annotation
9800.0	1.54	221.51	9796.0	-94.8	-28.7	-94.7	234.6	Tie In @ 9800' MD / 9796' TVD	
10338.2	33.68	344.66	10315.3	-0.3	-59.2	-0.1	339.1	Crossed Hard Line @ 10338' MD / 10315' TVD	
15040.0	92.10	3.70	10610.0	4590.7	97.7	4590.3	4947.6	TD @ 15040' MD / 10610' TVD	



Vertical Section at 359.79° (200 usf/in)

