



NM OIL CONSERVATION
ARTESIAN DISTRICT

NOV 02 2018

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Mewbourne Oil Company

Eddy County, N.M. Nad (83)

Section 7-24S-28E Boston 7 W0LIFee 1H

Boston 7 W0LI Fee 1H

30.015-44869

Original Hole

Design: Original Hole

Standard Survey Report

28 September, 2018





Microsoft Survey Report



Company: Mawbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 7-24S-28E Boston 7 WOLI Fee 1H
Well: Boston 7 WOLI Fee 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Boston 7 WOLI Fee 1H
TVD Reference: 3083 + 27 @ 3110.0usft (Patterson 560)
MD Reference: 3083 + 27 @ 3110.0usft (Patterson 560)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Project	Eddy County, N.M. Nad (83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Section 7-24S-28E Boston 7 WOLI Fee 1H		
Site Position:		Northing:	447,497.50 usft
From:	Map	Easting:	603,008.20 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 13' 48.322 N
		Longitude:	104° 8' 1.998 W
		Grid Convergence:	0.11 °

Well	Boston 7 WOLI Fee 1H		
Well Position	+N/-S	0.0 usft	Northing: 447,497.50 usft
	+E/-W	0.0 usft	Easting: 603,008.20 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	27.0 usft
		Latitude:	32° 13' 48.322 N
		Longitude:	104° 8' 1.998 W
		Ground Level:	3,083.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2015	8/6/2018	7.09	59.96	47,767.34838100

Design	Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	194.32	

Survey Program	Date 9/28/2018			
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
58.0	14,235.0	MWD Survey #1 (Original Hole)	MWD	MWD v3:standard declination

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	
58.0	0.60	221.90	58.0	-0.2	-0.2	0.3	1.03	1.03	0.00	
206.0	0.90	190.90	206.0	-1.9	-0.9	2.1	0.33	0.20	-20.95	
299.0	1.70	209.00	299.0	-3.9	-1.7	4.2	0.96	0.86	19.46	
442.0	1.40	200.70	441.9	-7.4	-3.4	8.0	0.26	-0.21	-5.80	
509.0	1.30	232.60	508.9	-8.6	-4.3	9.4	1.12	-0.15	47.61	
628.0	1.90	247.50	627.8	-10.2	-7.2	11.6	0.61	0.50	12.52	
748.0	2.40	249.80	747.8	-11.8	-11.4	14.2	0.42	0.42	1.92	
878.0	0.50	102.60	877.7	-12.9	-13.4	15.8	2.18	-1.48	-113.23	
1,005.0	2.20	95.00	1,004.7	-13.2	-10.4	15.4	1.34	1.34	-5.98	



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Wellbore: Original Hole
Design: Original Hole

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North Reference: Grid
Survey Calculation Method: Minimum Curvature
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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)
1,132.0	1.40	107.40	1,131.6	-13.9	-6.5	15.0	0.70	-0.63	9.76
1,259.0	1.20	111.10	1,258.6	-14.8	-3.8	15.3	0.17	-0.16	2.91
1,385.0	1.10	152.70	1,384.6	-16.4	-2.0	16.3	0.65	-0.08	33.02
1,512.0	1.10	152.70	1,511.5	-18.5	-0.9	18.2	0.00	0.00	0.00
1,639.0	1.50	155.00	1,638.5	-21.1	0.4	20.4	0.32	0.31	1.81
1,766.0	2.20	134.30	1,765.4	-24.3	2.8	22.9	0.75	0.55	-16.30
1,928.0	0.80	164.10	1,927.4	-27.6	5.4	25.4	0.96	-0.86	18.40
2,085.0	1.90	126.70	2,084.3	-30.2	7.8	27.3	0.87	0.70	-24.46
2,180.0	2.50	112.40	2,179.3	-31.9	11.0	28.2	0.83	0.63	-14.00
2,275.0	0.60	135.70	2,274.2	-33.0	13.2	28.7	2.07	-2.00	24.53
2,371.0	0.40	243.70	2,370.2	-33.5	13.3	29.2	0.85	-0.21	112.50
2,470.0	0.60	254.50	2,469.2	-33.8	12.5	29.7	0.22	0.20	10.91
2,565.0	0.60	255.60	2,564.2	-34.1	11.5	30.2	0.01	0.00	1.16
2,660.0	2.90	267.10	2,659.2	-34.3	8.6	31.1	2.44	2.42	12.11
2,754.0	3.50	266.10	2,753.0	-34.6	3.4	32.7	0.64	0.64	-1.06
2,849.0	5.00	267.00	2,847.8	-35.0	-3.6	34.8	1.58	1.58	0.95
2,944.0	5.50	265.70	2,942.4	-35.6	-12.3	37.5	0.54	0.53	-1.37
3,039.0	5.50	263.20	3,036.9	-36.5	-21.4	40.6	0.25	0.00	-2.63
3,133.0	5.40	261.20	3,130.5	-37.7	-30.2	44.0	0.23	-0.11	-2.13
3,228.0	5.50	258.60	3,225.1	-39.3	-39.1	47.7	0.28	0.11	-2.74
3,323.0	5.30	255.10	3,319.7	-41.3	-47.8	51.8	0.41	-0.21	-3.68
3,417.0	5.50	257.60	3,413.2	-43.4	-56.4	56.0	0.33	0.21	2.66
3,512.0	5.60	257.20	3,507.8	-45.4	-65.4	60.1	0.11	0.11	-0.42
3,606.0	5.60	254.30	3,601.3	-47.6	-74.2	64.5	0.30	0.00	-3.09
3,701.0	5.50	254.10	3,695.9	-50.1	-83.1	69.1	0.11	-0.11	-0.21
3,796.0	5.30	253.50	3,790.5	-52.6	-91.7	73.7	0.22	-0.21	-0.63
3,890.0	5.10	252.20	3,884.1	-55.1	-99.8	78.1	0.25	-0.21	-1.38
3,985.0	5.20	252.60	3,978.7	-57.7	-107.9	82.6	0.11	0.11	0.42
4,080.0	5.60	251.50	4,073.3	-60.5	-116.4	87.4	0.43	0.42	-1.16
4,175.0	5.50	251.20	4,167.8	-63.4	-125.1	92.4	0.11	-0.11	-0.32
4,269.0	5.60	249.70	4,261.4	-66.5	-133.7	97.5	0.19	0.11	-1.80
4,364.0	5.30	248.20	4,358.0	-69.7	-142.1	102.7	0.35	-0.32	-1.58
4,459.0	5.30	247.10	4,450.6	-73.0	-150.2	107.9	0.11	0.00	-1.16
4,553.0	5.10	246.60	4,544.2	-76.4	-158.1	113.1	0.22	-0.21	-0.53
4,648.0	4.90	251.70	4,638.8	-79.3	-165.8	117.9	0.51	-0.21	5.37
4,742.0	4.50	251.60	4,732.5	-81.8	-173.1	122.0	0.43	-0.43	-0.11
4,837.0	4.30	249.70	4,827.2	-84.2	-180.0	126.1	0.26	-0.21	-2.00
4,932.0	5.70	258.10	4,921.9	-86.4	-188.0	130.2	1.66	1.47	8.84
5,027.0	5.70	256.40	5,016.4	-88.5	-197.2	134.5	0.18	0.00	-1.79
5,121.0	5.20	258.10	5,110.0	-90.4	-205.9	138.5	0.56	-0.53	1.81
5,216.0	4.80	257.20	5,204.6	-92.2	-213.9	142.3	0.43	-0.42	-0.95
5,311.0	4.90	258.10	5,299.3	-93.9	-221.8	145.9	0.13	0.11	0.95
5,405.0	5.10	253.00	5,392.9	-96.0	-229.7	149.8	0.52	0.21	-5.43
5,500.0	5.00	250.40	5,487.5	-98.6	-237.7	154.3	0.26	-0.11	-2.74

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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)
5,585.0	4.80	248.50	5,582.2	-101.4	-245.3	159.0	0.27	-0.21	-2.00
5,690.0	4.40	244.00	5,676.9	-104.5	-252.2	163.6	0.57	-0.42	-4.74
5,784.0	4.10	241.70	5,770.6	-107.7	-258.4	168.2	0.37	-0.32	-2.45
5,879.0	4.90	244.50	5,865.3	-111.0	-265.1	173.1	0.87	0.84	2.95
5,974.0	4.40	245.50	5,960.0	-114.3	-272.1	178.0	0.53	-0.53	1.05
6,069.0	5.10	259.10	6,054.7	-116.6	-279.5	182.1	1.39	0.74	14.32
6,164.0	4.40	266.60	6,149.4	-117.6	-287.3	185.0	0.98	-0.74	7.89
6,258.0	4.60	261.10	6,243.1	-118.4	-294.6	187.6	0.51	0.21	-5.85
6,353.0	4.20	260.90	6,337.8	-119.6	-301.8	190.5	0.42	-0.42	-0.21
6,448.0	4.70	253.20	6,432.5	-121.2	-309.0	193.9	0.82	0.53	-8.11
6,543.0	3.50	245.90	6,527.3	-123.5	-315.4	197.7	1.37	-1.26	-7.68
6,637.0	3.70	244.20	6,621.1	-126.0	-320.7	201.4	0.24	0.21	-1.81
6,732.0	5.80	251.20	6,715.7	-128.9	-328.0	206.0	2.29	2.21	7.37
6,827.0	5.60	251.30	6,810.3	-131.9	-336.9	211.2	0.21	-0.21	0.11
6,921.0	5.20	247.20	6,903.9	-135.1	-345.2	216.2	0.59	-0.43	-4.36
7,016.0	4.30	243.80	6,998.5	-138.3	-352.4	221.2	0.99	-0.95	-3.58
7,111.0	4.80	257.00	7,093.2	-140.8	-359.5	225.3	1.22	0.53	13.89
7,205.0	5.20	253.30	7,186.9	-142.9	-367.4	229.3	0.55	0.43	-3.94
7,300.0	4.40	259.60	7,281.5	-144.8	-375.1	233.0	1.01	-0.84	6.63
7,394.0	5.70	261.90	7,375.2	-146.9	-383.1	237.0	1.58	1.38	-8.19
7,489.0	4.90	242.10	7,469.8	-150.2	-391.1	242.3	1.27	-0.84	-10.32
7,583.0	4.10	243.50	7,563.5	-153.6	-397.7	247.2	0.86	-0.85	1.49
7,678.0	5.30	246.80	7,658.2	-156.9	-404.8	252.1	1.29	1.26	3.47
7,773.0	5.10	250.50	7,752.8	-160.0	-412.8	257.1	0.41	-0.21	3.89
7,867.0	4.60	248.00	7,846.4	-162.8	-420.2	261.7	0.58	-0.53	-2.66
7,962.0	3.50	249.20	7,941.2	-165.3	-426.4	265.6	1.16	-1.16	1.26
8,056.0	3.90	246.30	8,035.0	-167.6	-432.1	269.2	0.47	0.43	-3.09
8,151.0	4.20	251.80	8,129.8	-170.0	-438.3	273.1	0.52	0.32	5.79
8,246.0	5.60	242.40	8,224.4	-173.2	-445.7	278.0	1.69	1.47	-9.89
8,341.0	4.70	235.20	8,319.0	-177.6	-453.0	284.1	1.16	-0.95	-7.58
8,435.0	5.60	232.70	8,412.7	-182.5	-459.8	290.6	0.99	0.96	-2.66
8,529.0	5.00	232.00	8,506.3	-187.8	-466.7	297.4	0.64	-0.64	-0.74
8,624.0	2.50	245.30	8,601.0	-191.2	-471.9	302.0	2.77	-2.63	14.00
8,718.0	2.00	240.50	8,695.0	-192.9	-475.2	304.4	0.57	-0.53	-5.11
8,813.0	2.30	202.50	8,789.9	-195.5	-477.3	307.5	1.50	0.32	-40.00
8,873.0	1.54	201.28	8,849.9	-197.4	-478.1	309.5	1.27	-1.26	-2.03
B.B. Boston7 W0LI Fee 1H									
8,908.0	1.10	199.80	8,884.9	-198.1	-478.4	310.3	1.27	-1.26	-4.24
8,929.0	1.00	205.80	8,905.9	-198.5	-478.5	310.6	0.71	-0.48	28.57
9,007.0	4.80	106.70	8,983.8	-200.0	-475.7	311.4	6.48	4.87	-127.06
9,039.0	8.00	104.50	9,015.6	-201.0	-472.2	311.5	10.03	10.00	-6.88
9,070.0	12.00	100.70	9,048.1	-202.1	-467.0	311.3	13.07	12.90	-12.26
9,102.0	15.50	98.80	9,077.2	-203.4	-459.5	310.7	11.03	10.94	-5.94



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9,133.0	18.70	97.60	9,106.8	-204.7	-450.5	309.7	10.38	10.32	-3.87
9,165.0	22.50	98.80	9,136.7	-206.3	-439.3	308.5	11.95	11.88	3.75
9,196.0	26.20	100.20	9,165.0	-208.4	-426.7	307.5	12.08	11.94	4.52
9,228.0	29.40	101.00	9,193.3	-211.1	-412.1	306.5	10.07	10.00	2.50
9,259.0	33.30	101.80	9,219.7	-214.3	-396.3	305.7	12.65	12.58	2.58
9,291.0	37.60	103.60	9,245.8	-218.4	-378.2	305.2	13.83	13.44	5.63
9,322.0	41.00	104.00	9,269.8	-223.1	-359.1	305.0	11.00	10.97	1.29
9,354.0	45.90	103.90	9,293.0	-228.4	-337.7	304.9	15.31	15.31	-0.31
9,386.0	50.30	103.50	9,314.4	-234.1	-314.6	304.6	13.78	13.75	-1.25
9,417.0	53.80	103.50	9,333.4	-239.8	-290.8	304.2	11.29	11.29	0.00
9,449.0	57.60	103.10	9,351.5	-245.8	-265.1	303.8	11.92	11.88	-1.25
9,480.0	60.80	102.80	9,367.3	-251.8	-239.2	303.1	10.36	10.32	-0.97
9,512.0	64.00	102.10	9,382.2	-257.9	-211.5	302.2	10.19	10.00	-2.19
9,543.0	66.60	101.70	9,395.1	-263.7	-183.9	301.0	8.47	8.39	-1.29
9,575.0	70.70	101.60	9,406.8	-269.7	-154.7	299.6	12.82	12.81	-0.31
9,606.0	74.90	101.60	9,415.9	-275.7	-125.7	298.2	13.55	13.55	0.00
9,638.0	79.90	101.60	9,422.9	-282.0	-95.2	296.7	15.63	15.63	0.00
9,655.0	82.20	101.60	9,425.6	-285.3	-78.7	296.0	13.53	13.53	0.00
9,733.0	87.90	97.90	9,432.3	-298.5	-2.2	289.8	8.70	7.31	-4.74
9,828.0	86.60	99.00	9,436.8	-312.4	91.7	280.1	1.79	-1.37	1.16
9,922.0	89.20	97.20	9,440.3	-325.7	184.7	269.9	3.36	2.77	-1.91
10,017.0	88.60	95.20	9,442.1	-335.9	279.1	256.5	2.20	-0.63	-2.11
10,111.0	88.50	95.50	9,444.5	-344.7	372.7	241.8	0.34	-0.11	0.32
10,206.0	91.60	101.00	9,444.4	-358.3	466.6	231.8	6.65	3.26	5.79
10,234.5	91.60	101.03	9,443.6	-363.7	494.6	230.1	0.11	0.00	0.11
LP Boston 7 WOLI Fee 1H									
10,300.0	91.60	101.10	9,441.8	-376.3	558.8	226.4	0.11	0.00	0.11
10,395.0	90.50	98.90	9,440.0	-392.8	652.4	219.3	2.59	-1.16	-2.32
10,489.0	89.60	95.80	9,440.0	-404.8	745.6	207.9	3.43	-0.96	-3.30
10,584.0	87.70	93.90	9,442.2	-412.9	840.2	192.2	2.83	-2.00	-2.00
10,678.0	87.20	96.50	9,446.4	-421.4	933.7	177.4	2.81	-0.53	2.77
10,773.0	86.00	93.60	9,452.0	-429.7	1,028.2	162.1	3.30	-1.26	-3.05
10,867.0	85.10	90.30	9,459.3	-432.9	1,121.8	142.0	3.63	-0.96	-3.51
10,962.0	87.10	89.60	9,465.8	-432.8	1,216.6	118.5	2.23	2.11	-0.74
10,994.0	90.20	89.60	9,466.5	-432.6	1,248.6	110.4	9.69	9.69	0.00
11,025.0	90.70	87.50	9,466.3	-431.8	1,279.6	101.9	6.96	1.61	-6.77
11,057.0	91.00	87.10	9,465.8	-430.3	1,311.5	92.6	1.56	0.94	-1.25
11,151.0	95.00	87.50	9,460.9	-425.9	1,405.3	65.1	4.28	4.26	0.43
11,246.0	95.40	87.30	9,452.3	-421.6	1,499.8	37.6	0.47	0.42	-0.21
11,340.0	92.10	88.00	9,446.1	-417.8	1,593.5	10.7	3.59	-3.51	0.74
11,435.0	91.60	88.50	9,443.1	-414.9	1,688.4	-15.6	0.74	-0.53	0.53
11,529.0	91.40	88.40	9,440.6	-412.3	1,782.3	-41.3	0.24	-0.21	-0.11
11,624.0	91.20	88.70	9,438.5	-409.9	1,877.3	-67.1	0.38	-0.21	0.32
11,718.0	90.00	89.40	9,437.5	-408.4	1,971.3	-91.9	1.48	-1.28	0.74

Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 7-24S-28E Boston 7 W0LI Fee 1H
Well: Boston 7 W0LI Fee 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Boston 7 W0LI Fee 1H
TVD Reference: 3083 + 27 @ 3110.0usft (Patterson 560)
MD Reference: 3083 + 27 @ 3110.0usft (Patterson 560)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
11,813.0	88.60	88.80	9,438.6	-406.9	2,066.3	-116.8	1.60	-1.47	-0.63
11,908.0	86.20	88.60	9,442.9	-404.7	2,161.1	-142.3	2.54	-2.53	-0.21
12,002.0	89.50	89.50	9,446.5	-403.2	2,255.0	-167.1	3.64	3.51	0.96
12,097.0	91.70	92.30	9,445.5	-404.6	2,350.0	-189.1	3.75	2.32	2.95
12,191.0	92.50	93.00	9,442.0	-409.0	2,443.8	-208.1	1.13	0.85	0.74
12,286.0	91.60	91.60	9,438.6	-412.8	2,538.7	-227.9	1.75	-0.95	-1.47
12,380.0	91.10	91.60	9,436.4	-415.4	2,632.6	-248.6	0.53	-0.53	0.00
12,475.0	89.50	91.30	9,435.9	-417.8	2,727.6	-269.7	1.71	-1.68	-0.32
12,569.0	89.00	90.20	9,437.1	-419.1	2,821.6	-291.8	1.29	-0.53	-1.17
12,664.0	87.30	90.00	9,440.2	-419.2	2,916.5	-315.1	1.80	-1.79	-0.21
12,758.0	90.30	92.80	9,442.2	-421.5	3,010.5	-336.1	4.36	3.19	2.98
12,853.0	90.40	91.20	9,441.6	-424.8	3,105.4	-356.4	1.69	0.11	-1.68
12,948.0	89.30	90.20	9,441.9	-426.0	3,200.4	-378.8	1.56	-1.16	-1.05
13,043.0	87.00	89.50	9,444.9	-425.7	3,295.3	-402.5	2.53	-2.42	-0.74
13,137.0	87.30	90.40	9,449.6	-425.7	3,389.2	-425.8	1.01	0.32	0.96
13,232.0	89.50	90.60	9,452.2	-426.5	3,484.2	-448.5	2.33	2.32	0.21
13,326.0	83.50	89.80	9,458.0	-426.8	3,577.9	-471.3	6.44	-6.38	-0.85
13,421.0	85.30	89.30	9,467.3	-426.1	3,672.5	-495.4	1.97	1.89	-0.53
13,515.0	89.70	87.10	9,471.4	-423.1	3,766.3	-521.5	5.23	4.68	-2.34
13,610.0	92.00	86.90	9,469.9	-418.2	3,861.2	-549.8	2.43	2.42	-0.21
13,705.0	92.50	88.90	9,466.2	-414.7	3,956.0	-576.6	2.17	0.53	2.11
13,799.0	94.00	90.00	9,460.9	-413.8	4,049.9	-600.7	1.98	1.60	1.17
13,894.0	92.40	89.70	9,455.6	-413.5	4,144.7	-624.4	1.71	-1.68	-0.32
13,989.0	91.10	89.90	9,452.7	-413.2	4,239.7	-648.2	1.38	-1.37	0.21
14,083.0	91.70	92.20	9,450.4	-414.9	4,333.6	-669.8	2.53	0.64	2.45
14,163.0	88.10	91.20	9,450.5	-417.3	4,413.6	-687.2	4.67	-4.50	-1.25
14,235.0	88.10	91.20	9,452.9	-418.8	4,485.5	-703.6	0.00	0.00	0.00

14235.0' MD Projected to Bit - PBHL Boston 7 W0LI Fee 1H

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
14,235.0	9,452.9	-418.8	4,485.5	14235.0' MD Projected to Bit



COMPANY: Mewbourne Oil Company
WELL: Boston 7 WOLI Fee 1H
COUNTY: Eddy County, N.M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson Patterson 560



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.99°

OFFICE: 936.582.7296

GEODETTIC ZONE: New Mexico Eastern Zone
3083 + 27 @ 3110.0usft (Patterson 560)
GROUND ELEVATION: 3083.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	447497.60	603008.20	32° 13' 48.322 N	104° 8' 1.998 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Diag	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	2832.4	4.99	248.62	2832.0	-5.2	-13.5	1.50	248.82	-12.9	
4	8540.0	4.99	248.62	8518.0	-184.5	-476.0	0.00	0.00	-456.6	
5	8872.4	0.00	0.00	8850.0	-189.7	-489.5	1.50	180.00	-469.5	B.B. Boston7 WOLI Fee 1H
6	8978.0	0.00	0.00	8955.6	-189.7	-489.5	0.00	0.00	-489.5	
7	9718.5	88.85	103.00	9433.0	-295.0	-33.8	12.00	103.00	-5.8	
8	11051.3	88.85	89.87	9459.8	-441.6	1287.9	1.00	-90.12	1323.7	
9	14256.7	88.85	89.67	9524.0	-423.1	4492.6	0.00	0.00	4512.5	PBHL Boston 7 WOLI Fee 1H

