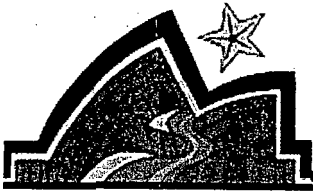


APR 04 2016



McElvain Energy, Inc.

Sec. 30 T18S R34E

EK 30 WCD Federal Com

EK 31 BS2 Federal Com 4H - Slot 31 BS2 4H

Wellbore #1

Plan: Design #1 29Jul15 kjs

Standard Planning Report - Geographic

13 August, 2015

APR 14 2016



Planning Report - Geographic

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well EK 31 BS2 Federal Com 4H - Slot 31 BS2 4H
Company:	McElvain Energy, Inc.	TVD Reference:	WELL @ 3883.0usft (Original Well Elev)
Project:	Sec. 30 T18S R34E	MD Reference:	WELL @ 3883.0usft (Original Well Elev)
Site:	EK 30 WCD Federal Com	North Reference:	Grid
Well:	EK 31 BS2 Federal Com 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1: 29Jul15 kjs		

Project	Sec. 30 T18S R34E, Lea County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	EK 30 WCD Federal Com		
Site Position:	From:	Map	
From:	Map		
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		North:	626,476.83 usft
		Easting:	765,038.76 usft
		Latitude:	32° 43' 12.413 N
		Longitude:	103° 36' 21.436 W
		Grid Convergence:	0.39 °

Well	EK 31 BS2 Federal Com 4H - Slot 31 BS2 4H		
Well Position	+N/-S	0.0 usft	North:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level:
			3,863.0 usft
			623,182.80 usft
			765,460.60 usft
			32° 42' 39.792 N
			103° 36' 16.763 W

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	07/29/15	7.13
			Dip Angle
			60.53
			Field Strength
			48,489

Design	Design #1 29Jul15 kjs		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			179.34

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,096.7	2.95	289.57	2,096.6	1.7	-4.8	1.50	1.50	0.00	289.57	
9,466.7	2.95	289.57	9,456.9	128.8	-362.2	0.00	0.00	0.00	0.00	
10,056.3	69.70	179.34	9,913.0	-183.3	-375.0	12.00	11.32	-18.70	-111.22	
10,212.1	88.40	179.34	9,942.5	-335.6	-373.2	12.00	12.00	0.00	0.02	
14,683.9	88.40	179.34	10,067.1	-4,805.4	-322.1	0.00	0.00	0.00	0.00	TD / PBHL 31 BS2 4H
14,783.9	88.40	179.34	10,069.9	-4,905.4	-321.0	0.00	0.00	0.00	0.00	



Planning Report- Geographic

Database: EDM 5000.1 Single User Db

Company: McElvain Energy, Inc.

Project: Sec. 30 T18S R34E

Site: EK 30 WCD Federal Com

Well: EK 31 BS2 Federal Com 4H

Wellbore: Wellbore #1

Design: Design #1 29Jul15 kjs

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well EK 31 BS2 Federal Com 4H - Slot 31
BS2 4H

WELL @ 3883.0usft (Original Well Elev)

WELL @ 3883.0usft (Original Well Elev)

Grid

Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
200.0	0.00	0.00	200.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
400.0	0.00	0.00	400.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
600.0	0.00	0.00	600.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
800.0	0.00	0.00	800.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
1,683.0	0.00	0.00	1,683.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
Rustler									
1,743.0	0.00	0.00	1,743.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
Salt									
1,800.0	0.00	0.00	1,800.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	623,182.80	765,460.60	32° 42' 39.792 N	103° 36' 16.763 W
Start Build 1.50									
2,000.0	1.50	289.57	2,000.0	0.4	-1.2	623,183.24	765,459.36	32° 42' 39.796 N	103° 36' 16.778 W
2,096.7	2.95	289.57	2,096.6	1.7	-4.8	623,184.50	765,455.83	32° 42' 39.809 N	103° 36' 16.819 W
Hold 2.95 Inc, 289.57 Az									
2,200.0	2.95	289.57	2,199.8	3.5	-9.8	623,186.28	765,450.82	32° 42' 39.827 N	103° 36' 16.877 W
2,400.0	2.95	289.57	2,399.5	6.9	-19.5	623,189.73	765,441.12	32° 42' 39.862 N	103° 36' 16.991 W
2,600.0	2.95	289.57	2,599.2	10.4	-29.2	623,193.18	765,431.42	32° 42' 39.897 N	103° 36' 17.104 W
2,800.0	2.95	289.57	2,799.0	13.8	-38.9	623,196.62	765,421.72	32° 42' 39.931 N	103° 36' 17.217 W
3,000.0	2.95	289.57	2,998.7	17.3	-48.6	623,200.07	765,412.02	32° 42' 39.966 N	103° 36' 17.330 W
3,200.0	2.95	289.57	3,198.5	20.7	-58.3	623,203.52	765,402.32	32° 42' 40.001 N	103° 36' 17.444 W
3,259.0	2.95	289.57	3,257.4	21.7	-61.1	623,204.54	765,399.45	32° 42' 40.011 N	103° 36' 17.477 W
Yates									
3,400.0	2.95	289.57	3,398.2	24.2	-68.0	623,206.97	765,392.62	32° 42' 40.036 N	103° 36' 17.557 W
3,401.8	2.95	289.57	3,400.0	24.2	-68.1	623,207.00	765,392.53	32° 42' 40.036 N	103° 36' 17.558 W
9 5/8"									
3,600.0	2.95	289.57	3,597.9	27.6	-77.7	623,210.42	765,382.91	32° 42' 40.071 N	103° 36' 17.670 W
3,734.4	2.95	289.57	3,732.1	29.9	-84.2	623,212.73	765,376.40	32° 42' 40.094 N	103° 36' 17.746 W
Seven Rivers									
3,800.0	2.95	289.57	3,797.7	31.1	-87.4	623,213.86	765,373.21	32° 42' 40.105 N	103° 36' 17.783 W
4,000.0	2.95	289.57	3,997.4	34.5	-97.1	623,217.31	765,363.51	32° 42' 40.140 N	103° 36' 17.897 W
4,200.0	2.95	289.57	4,197.1	38.0	-106.8	623,220.76	765,353.81	32° 42' 40.175 N	103° 36' 18.010 W
4,400.0	2.95	289.57	4,396.9	41.4	-116.5	623,224.21	765,344.11	32° 42' 40.210 N	103° 36' 18.123 W
4,435.0	2.95	289.57	4,431.8	42.0	-118.2	623,224.81	765,342.42	32° 42' 40.216 N	103° 36' 18.143 W
Queen									
4,600.0	2.95	289.57	4,596.6	44.9	-126.2	623,227.66	765,334.41	32° 42' 40.244 N	103° 36' 18.236 W
4,710.2	2.95	289.57	4,706.7	46.8	-131.5	623,229.56	765,329.07	32° 42' 40.264 N	103° 36' 18.299 W
Penrose									
4,800.0	2.95	289.57	4,796.3	48.3	-135.9	623,231.10	765,324.71	32° 42' 40.279 N	103° 36' 18.350 W
5,000.0	2.95	289.57	4,996.1	51.7	-145.6	623,234.55	765,315.01	32° 42' 40.314 N	103° 36' 18.463 W
5,200.0	2.95	289.57	5,195.8	55.2	-155.3	623,238.00	765,305.31	32° 42' 40.349 N	103° 36' 18.576 W
5,260.7	2.95	289.57	5,256.4	56.2	-158.2	623,239.05	765,302.37	32° 42' 40.359 N	103° 36' 18.611 W
San Andres									
5,400.0	2.95	289.57	5,395.5	58.6	-165.0	623,241.45	765,295.61	32° 42' 40.384 N	103° 36' 18.689 W
5,410.8	2.95	289.57	5,406.3	58.8	-165.5	623,241.63	765,295.09	32° 42' 40.385 N	103° 36' 18.696 W
Delaware									
5,450.8	2.95	289.57	5,446.3	59.5	-167.4	623,242.32	765,293.15	32° 42' 40.392 N	103° 36' 18.718 W
1st Delaware Sand									



Planning Report - Geographic

Database: EDM 5000.1 Single User Db

Local Co-ordinate Reference

Well EK 31 BS2 Federal Com 4H - Slot 31
BS2 4H

Company: McElvain Energy, Inc.

TVD Reference:

WELL @ 3883.0usft (Original Well Elev)

Project: Sec. 30 T18S R34E

MD Reference:

WELL @ 3883.0usft (Original Well Elev)

Site: EK 30 WCD Federal Com

North Reference:

Grid

Well: EK 31 BS2 Federal Com 4H

Survey Calculation Method:

Minimum Curvature

Wellbore: Wellbore #1

Design: Design #1 29Jul15 kjs

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,600.0	2.95	289.57	5,595.3	62.1	-174.7	623,244.90	765,285.91	32° 42' 40.418 N	103° 36' 18.803 W
5,736.1	2.95	289.57	5,731.1	64.4	-181.3	623,247.24	765,279.31	32° 42' 40.442 N	103° 36' 18.880 W
2nd Delaware Sand									
5,800.0	2.95	289.57	5,795.0	65.5	-184.4	623,248.34	765,276.21	32° 42' 40.453 N	103° 36' 18.916 W
6,000.0	2.95	289.57	5,994.7	69.0	-194.1	623,251.79	765,266.51	32° 42' 40.488 N	103° 36' 19.029 W
6,200.0	2.95	289.57	6,194.5	72.4	-203.8	623,255.24	765,256.81	32° 42' 40.523 N	103° 36' 19.142 W
6,400.0	2.95	289.57	6,394.2	75.9	-213.5	623,258.69	765,247.11	32° 42' 40.557 N	103° 36' 19.256 W
6,600.0	2.95	289.57	6,593.9	79.3	-223.2	623,262.13	765,237.41	32° 42' 40.592 N	103° 36' 19.369 W
6,800.0	2.95	289.57	6,793.7	82.8	-232.9	623,265.58	765,227.71	32° 42' 40.627 N	103° 36' 19.482 W
7,000.0	2.95	289.57	6,993.4	86.2	-242.6	623,269.03	765,218.01	32° 42' 40.662 N	103° 36' 19.595 W
7,200.0	2.95	289.57	7,193.1	89.7	-252.3	623,272.48	765,208.31	32° 42' 40.696 N	103° 36' 19.709 W
7,400.0	2.95	289.57	7,392.9	93.1	-262.0	623,275.93	765,198.61	32° 42' 40.731 N	103° 36' 19.822 W
7,600.0	2.95	289.57	7,592.6	96.6	-271.7	623,279.37	765,188.91	32° 42' 40.766 N	103° 36' 19.935 W
7,602.6	2.95	289.57	7,595.2	96.6	-271.8	623,279.42	765,188.79	32° 42' 40.766 N	103° 36' 19.937 W
Bone Spring									
7,800.0	2.95	289.57	7,792.4	100.0	-281.4	623,282.82	765,179.21	32° 42' 40.801 N	103° 36' 20.048 W
8,000.0	2.95	289.57	7,992.1	103.5	-291.1	623,286.27	765,169.51	32° 42' 40.836 N	103° 36' 20.162 W
8,200.0	2.95	289.57	8,191.8	106.9	-300.8	623,289.72	765,159.81	32° 42' 40.870 N	103° 36' 20.275 W
8,400.0	2.95	289.57	8,391.6	110.4	-310.5	623,293.17	765,150.11	32° 42' 40.905 N	103° 36' 20.388 W
8,600.0	2.95	289.57	8,591.3	113.8	-320.2	623,296.61	765,140.41	32° 42' 40.940 N	103° 36' 20.501 W
8,800.0	2.95	289.57	8,791.0	117.3	-329.9	623,300.06	765,130.71	32° 42' 40.975 N	103° 36' 20.615 W
8,938.7	2.95	289.57	8,929.5	119.6	-336.6	623,302.45	765,123.98	32° 42' 40.999 N	103° 36' 20.693 W
1st Bone Spring Sand									
9,000.0	2.95	289.57	8,990.8	120.7	-339.6	623,303.51	765,121.01	32° 42' 41.009 N	103° 36' 20.728 W
9,200.0	2.95	289.57	9,190.5	124.2	-349.3	623,306.96	765,111.31	32° 42' 41.044 N	103° 36' 20.841 W
9,400.0	2.95	289.57	9,390.2	127.6	-359.0	623,310.41	765,101.61	32° 42' 41.079 N	103° 36' 20.954 W
9,466.7	2.95	289.57	9,456.9	128.8	-362.2	623,311.56	765,098.37	32° 42' 41.091 N	103° 36' 20.992 W
KOP 12/100									
9,489.2	3.19	237.75	9,479.3	128.6	-363.3	623,311.42	765,097.30	32° 42' 41.089 N	103° 36' 21.005 W
2nd Bone Spring Sand									
9,600.0	15.17	188.53	9,588.6	112.6	-368.1	623,295.36	765,092.52	32° 42' 40.931 N	103° 36' 21.062 W
9,800.0	39.00	181.72	9,765.4	22.4	-373.9	623,205.25	765,086.66	32° 42' 40.040 N	103° 36' 21.138 W
10,000.0	62.96	179.73	9,890.4	-131.8	-375.4	623,051.02	765,085.17	32° 42' 38.514 N	103° 36' 21.168 W
10,056.2	69.69	179.34	9,913.0	-183.2	-375.0	622,999.58	765,085.60	32° 42' 38.005 N	103° 36' 21.167 W
POP 31 BS2 4H									
10,056.3	69.70	179.34	9,913.0	-183.3	-375.0	622,999.51	765,085.60	32° 42' 38.004 N	103° 36' 21.167 W
POP - TOP TARGET WINDOW									
10,197.7	86.68	179.34	9,941.9	-321.3	-373.4	622,861.55	765,087.18	32° 42' 36.639 N	103° 36' 21.159 W
TARGET CENTER LINE									
10,200.0	86.95	179.34	9,942.0	-323.5	-373.4	622,859.30	765,087.21	32° 42' 36.616 N	103° 36' 21.159 W
10,212.1	88.40	179.34	9,942.5	-335.6	-373.2	622,847.17	765,087.35	32° 42' 36.497 N	103° 36' 21.159 W
Landing Pt 88.4 Inc, 179.34 Az									
10,400.0	88.40	179.34	9,947.7	-523.4	-371.1	622,659.39	765,089.50	32° 42' 34.638 N	103° 36' 21.148 W
10,600.0	88.40	179.34	9,953.3	-723.3	-368.8	622,459.48	765,091.79	32° 42' 32.660 N	103° 36' 21.138 W
10,800.0	88.40	179.34	9,958.9	-923.2	-366.5	622,259.57	765,094.07	32° 42' 30.682 N	103° 36' 21.127 W
11,000.0	88.40	179.34	9,964.4	-1,123.1	-364.2	622,059.66	765,096.36	32° 42' 28.704 N	103° 36' 21.116 W
11,200.0	88.40	179.34	9,970.0	-1,323.0	-361.9	621,859.76	765,098.65	32° 42' 26.726 N	103° 36' 21.106 W
11,400.0	88.40	179.34	9,975.6	-1,523.0	-359.7	621,659.85	765,100.94	32° 42' 24.748 N	103° 36' 21.095 W
11,600.0	88.40	179.34	9,981.1	-1,722.9	-357.4	621,459.94	765,103.22	32° 42' 22.769 N	103° 36' 21.084 W
11,800.0	88.40	179.34	9,986.7	-1,922.8	-355.1	621,260.03	765,105.51	32° 42' 20.791 N	103° 36' 21.073 W
12,000.0	88.40	179.34	9,992.3	-2,122.7	-352.8	621,060.12	765,107.80	32° 42' 18.813 N	103° 36' 21.063 W
12,200.0	88.40	179.34	9,997.9	-2,322.6	-350.5	620,860.21	765,110.09	32° 42' 16.835 N	103° 36' 21.052 W



Planning Report - Geographic

Database: EDM 5000.1 Single User Db

Local Co-ordinate Reference:

Well EK 31 BS2 Federal Com 4H - Slot 31
BS2 4H

Company: McElvain Energy, Inc.

TVD Reference:

WELL @ 3883.0usft (Original Well Elev)

Project: Sec 30 T18S R34E

MD Reference:

WELL @ 3883.0usft (Original Well Elev)

Site: EK 30 WCD Federal Com

North Reference:

Grid

Well: EK 31 BS2 Federal Com 4H

Survey Calculation Method:

Minimum Curvature

Wellbore: Wellbore #1

Design: Design #1 29Jul15 kjs

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
12,400.0	88.40	179.34	10,003.4	-2,522.5	-348.2	620,660.30	765,112.37	32° 42' 14.857 N	103° 36' 21.041 W
12,600.0	88.40	179.34	10,009.0	-2,722.4	-345.9	620,460.39	765,114.66	32° 42' 12.879 N	103° 36' 21.031 W
12,800.0	88.40	179.34	10,014.6	-2,922.3	-343.6	620,260.48	765,116.95	32° 42' 10.900 N	103° 36' 21.020 W
13,000.0	88.40	179.34	10,020.2	-3,122.2	-341.4	620,060.57	765,119.24	32° 42' 8.922 N	103° 36' 21.009 W
13,200.0	88.40	179.34	10,025.7	-3,322.1	-339.1	619,860.66	765,121.52	32° 42' 6.944 N	103° 36' 20.998 W
13,400.0	88.40	179.34	10,031.3	-3,522.1	-336.8	619,660.75	765,123.81	32° 42' 4.966 N	103° 36' 20.988 W
13,600.0	88.40	179.34	10,036.9	-3,722.0	-334.5	619,460.84	765,126.10	32° 42' 2.988 N	103° 36' 20.977 W
13,800.0	88.40	179.34	10,042.5	-3,921.9	-332.2	619,260.94	765,128.39	32° 42' 1.010 N	103° 36' 20.966 W
14,000.0	88.40	179.34	10,048.0	-4,121.8	-329.9	619,061.03	765,130.67	32° 41' 59.032 N	103° 36' 20.955 W
14,200.0	88.40	179.34	10,053.6	-4,321.7	-327.6	618,861.12	765,132.96	32° 41' 57.053 N	103° 36' 20.945 W
14,400.0	88.40	179.34	10,059.2	-4,521.6	-325.3	618,661.21	765,135.25	32° 41' 55.075 N	103° 36' 20.934 W
14,600.0	88.40	179.34	10,064.8	-4,721.5	-323.1	618,461.30	765,137.54	32° 41' 53.097 N	103° 36' 20.923 W
14,683.9	88.40	179.34	10,067.1	-4,805.4	-322.1	618,377.40	765,138.50	32° 41' 52.267 N	103° 36' 20.919 W
Start 100.0 hold at 14683.9 MD - TD / PBHL 31 BS2 4H									
14,783.9	88.40	179.34	10,069.9	-4,905.4	-321.0	618,277.45	765,139.64	32° 41' 51.278 N	103° 36' 20.913 W
TD at 14783.9									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
hit/miss target									
Shape									
POP 31 BS2 4H	0.00	0.00	9,913.0	-183.3	-385.0	622,999.51	765,075.60	32° 42' 38.005 N	103° 36' 21.284 W
- plan misses target center by 10.0usft at 10056.2usft MD (9913.0 TVD, -183.2 N, -375.0 E)									
- Point									
TD / PBHL 31 BS2 4H	0.00	359.61	10,067.1	-4,805.4	-322.1	618,377.40	765,138.50	32° 41' 52.267 N	103° 36' 20.919 W
- plan hits target center									
- Point									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
3,401.8	3,400.0	9 5/8"	9-5/8	12-1/4



Planning Report - Geographic

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well EK 31 BS2 Federal Com 4H - Slot 31 BS2 4H
Company:	McElvain Energy, Inc.	TVD Reference:	WELL @ 3883.0usft (Original Well Elev)
Project:	Sec. 30 T18S R34E	MD Reference:	WELL @ 3883.0usft (Original Well Elev)
Site:	EK 30 WCD Federal Com	North Reference:	Grid
Well:	EK 31 BS2 Federal Com 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1 29Jul15 kjs		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,683.0	1,683.0	Rustler		1.60	179.34	
1,743.0	1,743.0	Salt		1.60	179.34	
3,259.0	3,257.4	Yates		1.60	179.34	
3,734.4	3,732.1	Seven Rivers		1.60	179.34	
4,435.0	4,431.8	Queen		1.60	179.34	
4,710.2	4,706.7	Penrose		1.60	179.34	
5,260.7	5,256.4	San Andres		1.60	179.34	
5,410.8	5,406.3	Delaware		1.60	179.34	
5,450.8	5,446.3	1st Delaware Sand		1.60	179.34	
5,736.1	5,731.1	2nd Delaware Sand		1.60	179.34	
7,602.6	7,595.2	Bone Spring		1.60	179.34	
8,938.7	8,929.5	1st Bone Spring Sand		1.60	179.34	
9,489.2	9,479.3	2nd Bone Spring Sand		1.60	179.34	
10,056.3	9,913.0	TOP TARGET WINDOW		1.60	179.34	
10,197.7	9,941.9	TARGET CENTER LINE		1.60	179.34	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,900.0	1,900.0	0.0	0.0	Start Build 1.50	
2,096.7	2,096.6	1.7	-4.8	Hold 2.95 Inc, 289.57 Az	
9,466.7	9,456.9	128.8	-362.2	KOP 12/100	
10,056.3	9,913.0	-183.3	-375.0	POP	
10,212.1	9,942.5	-335.6	-373.2	Landing Pt 88.4 Inc, 179.34 Az	
14,683.9	10,067.1	-4,805.4	-322.1	Start 100.0 hold at 14683.9 MD	
14,783.9	10,069.9	-4,905.4	-321.0	TD at 14783.9	