

AUG 15 2018

RECEIVED

Company: Marathon Oil
Project: Eddy County, NM
Site: Whistle Pig Fee 25-28-1
Well: WXY #9H
Wellbore: OH
Design: Prelim Plan A

Local Co-ordinate Reference: Well WXY #9H
TVD Reference: Well @ 2939.00usft (GL: 2912' + KB: 27' (Precision582))
MD Reference: Well @ 2939.00usft (GL: 2912' + KB: 27' (Precision582))
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Project	Eddy County, NM		
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		Whistle Pig Fee 25-28-1			
Site Position:		Northing:	424,067.27 usft	Latitude:	32.165525
From:	Map	Easting:	592,517.05 usft	Longitude:	-104.034349
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.16 °

Well	WXY #9H					
Well Position	+N/-S	0.00 usft	Northing:	424,067.27 usft	Latitude:	32.165524
	+E/-W	0.00 usft	Easting:	592,577.05 usft	Longitude:	-104.034155
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,912.00 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	8/3/2018	7.10	59.92	47,970.00

Design	Prelim Plan A			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	174.98

Survey Tool Program		Date	8/3/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	1,850.00	Prelim Plan A (OH)	MWD+IFR1	OWSG MWD + IFR1	
1,850.00	5,400.00	Prelim Plan A (OH)	MWD+IFR1	OWSG MWD + IFR1	
5,400.00	10,000.00	Prelim Plan A (OH)	MWD+IFR1	OWSG MWD + IFR1	
10,000.00	14,467.67	Prelim Plan A (OH)	MWD+IFR1	OWSG MWD + IFR1	

Planned 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
[WhistleWXY#9H]FTP									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00



Pro Directional Survey Report



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Planned 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)
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	2.00	63.77	1,299.98	0.77	1.57	-0.63	2.00	2.00	0.00
1,400.00	4.00	63.77	1,399.84	3.08	6.26	-2.52	2.00	2.00	0.00
1,500.00	6.00	63.77	1,499.45	6.94	14.08	-5.68	2.00	2.00	0.00
1,600.00	8.00	63.77	1,598.70	12.32	25.01	-10.09	2.00	2.00	0.00
1,700.00	10.00	63.77	1,697.47	19.24	39.04	-15.75	2.00	2.00	0.00
1,800.00	10.00	63.77	1,795.95	26.91	54.62	-22.03	0.00	0.00	0.00
1,900.00	10.00	63.77	1,894.43	34.58	70.20	-28.31	0.00	0.00	0.00
2,000.00	10.00	63.77	1,992.91	42.26	85.77	-34.60	0.00	0.00	0.00
2,100.00	10.00	63.77	2,091.39	49.93	101.35	-40.88	0.00	0.00	0.00
2,200.00	10.00	63.77	2,189.87	57.61	116.93	-47.16	0.00	0.00	0.00
2,300.00	10.00	63.77	2,288.35	65.28	132.50	-53.44	0.00	0.00	0.00
2,400.00	10.00	63.77	2,386.83	72.96	148.08	-59.73	0.00	0.00	0.00
2,500.00	10.00	63.77	2,485.31	80.63	163.66	-66.01	0.00	0.00	0.00
2,600.00	10.00	63.77	2,583.79	88.31	179.23	-72.29	0.00	0.00	0.00
2,700.00	10.00	63.77	2,682.27	95.98	194.81	-78.58	0.00	0.00	0.00
2,800.00	10.00	63.77	2,780.75	103.65	210.39	-84.86	0.00	0.00	0.00
2,900.00	10.00	63.77	2,879.23	111.33	225.96	-91.14	0.00	0.00	0.00
3,000.00	10.00	63.77	2,977.72	119.00	241.54	-97.42	0.00	0.00	0.00
3,100.00	10.00	63.77	3,076.20	126.68	257.12	-103.71	0.00	0.00	0.00
3,200.00	10.00	63.77	3,174.68	134.35	272.69	-109.99	0.00	0.00	0.00
3,300.00	10.00	63.77	3,273.16	142.03	288.27	-116.27	0.00	0.00	0.00
3,400.00	10.00	63.77	3,371.64	149.70	303.85	-122.56	0.00	0.00	0.00
3,500.00	10.00	63.77	3,470.12	157.38	319.43	-128.84	0.00	0.00	0.00
3,600.00	10.00	63.77	3,568.60	165.05	335.00	-135.12	0.00	0.00	0.00
3,700.00	10.00	63.77	3,667.08	172.72	350.58	-141.40	0.00	0.00	0.00
3,800.00	10.00	63.77	3,765.56	180.40	366.16	-147.69	0.00	0.00	0.00
3,830.83	10.00	63.77	3,795.92	182.76	370.96	-149.62	0.00	0.00	0.00
3,900.00	8.62	63.77	3,864.18	187.71	380.99	-153.67	2.00	-2.00	0.00
4,000.00	6.62	63.77	3,963.29	193.57	392.88	-158.47	2.00	-2.00	0.00
4,100.00	4.62	63.77	4,062.81	197.89	401.66	-162.01	2.00	-2.00	0.00
4,200.00	2.62	63.77	4,162.60	200.68	407.32	-164.29	2.00	-2.00	0.00
4,300.00	0.62	63.77	4,262.56	201.93	409.85	-165.31	2.00	-2.00	0.00
4,330.83	0.00	0.00	4,293.39	202.00	410.00	-165.37	2.00	-2.00	0.00
4,400.00	0.00	0.00	4,362.56	202.00	410.00	-165.37	0.00	0.00	0.00

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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)
4,500.00	0.00	0.00	4,462.56	202.00	410.00	-165.37	0.00	0.00	0.00
4,600.00	0.00	0.00	4,562.56	202.00	410.00	-165.37	0.00	0.00	0.00
4,700.00	0.00	0.00	4,662.56	202.00	410.00	-165.37	0.00	0.00	0.00
4,800.00	0.00	0.00	4,762.56	202.00	410.00	-165.37	0.00	0.00	0.00
4,900.00	0.00	0.00	4,862.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,000.00	0.00	0.00	4,962.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,100.00	0.00	0.00	5,062.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,200.00	0.00	0.00	5,162.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,300.00	0.00	0.00	5,262.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,400.00	0.00	0.00	5,362.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,500.00	0.00	0.00	5,462.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,600.00	0.00	0.00	5,562.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,700.00	0.00	0.00	5,662.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,800.00	0.00	0.00	5,762.56	202.00	410.00	-165.37	0.00	0.00	0.00
5,900.00	0.00	0.00	5,862.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,000.00	0.00	0.00	5,962.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,100.00	0.00	0.00	6,062.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,200.00	0.00	0.00	6,162.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,300.00	0.00	0.00	6,262.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,400.00	0.00	0.00	6,362.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,500.00	0.00	0.00	6,462.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,600.00	0.00	0.00	6,562.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,700.00	0.00	0.00	6,662.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,800.00	0.00	0.00	6,762.56	202.00	410.00	-165.37	0.00	0.00	0.00
6,900.00	0.00	0.00	6,862.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,000.00	0.00	0.00	6,962.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,100.00	0.00	0.00	7,062.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,200.00	0.00	0.00	7,162.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,300.00	0.00	0.00	7,262.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,400.00	0.00	0.00	7,362.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,500.00	0.00	0.00	7,462.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,600.00	0.00	0.00	7,562.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,700.00	0.00	0.00	7,662.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,800.00	0.00	0.00	7,762.56	202.00	410.00	-165.37	0.00	0.00	0.00
7,900.00	0.00	0.00	7,862.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,000.00	0.00	0.00	7,962.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,100.00	0.00	0.00	8,062.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,200.00	0.00	0.00	8,162.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,300.00	0.00	0.00	8,262.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,400.00	0.00	0.00	8,362.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,500.00	0.00	0.00	8,462.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,600.00	0.00	0.00	8,562.56	202.00	410.00	-165.37	0.00	0.00	0.00

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8,700.00	0.00	0.00	8,662.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,800.00	0.00	0.00	8,762.56	202.00	410.00	-165.37	0.00	0.00	0.00
8,900.00	0.00	0.00	8,862.56	202.00	410.00	-165.37	0.00	0.00	0.00
9,000.00	0.00	0.00	8,962.56	202.00	410.00	-165.37	0.00	0.00	0.00
9,100.00	0.00	0.00	9,062.56	202.00	410.00	-165.37	0.00	0.00	0.00
9,209.44	0.00	0.00	9,172.00	202.00	410.00	-165.37	0.00	0.00	0.00
[WhistleWXY#9H]KOP									
9,250.00	4.06	179.94	9,212.52	200.57	410.00	-163.94	10.00	10.00	0.00
9,300.00	9.06	179.94	9,262.18	194.86	410.01	-158.26	10.00	10.00	0.00
9,350.00	14.06	179.94	9,311.15	184.85	410.02	-148.28	10.00	10.00	0.00
9,400.00	19.06	179.94	9,359.07	170.60	410.03	-134.09	10.00	10.00	0.00
9,450.00	24.06	179.94	9,405.55	152.24	410.05	-115.80	10.00	10.00	0.00
9,500.00	29.06	179.94	9,450.26	129.89	410.08	-93.53	10.00	10.00	0.00
9,550.00	34.06	179.94	9,492.86	103.73	410.10	-67.47	10.00	10.00	0.00
9,600.00	39.06	179.94	9,533.01	73.96	410.13	-37.81	10.00	10.00	0.00
9,650.00	44.06	179.94	9,570.41	40.81	410.17	-4.78	10.00	10.00	0.00
9,700.00	49.06	179.94	9,604.78	4.51	410.21	31.38	10.00	10.00	0.00
9,750.00	54.06	179.94	9,635.86	-34.63	410.25	70.38	10.00	10.00	0.00
9,800.00	59.06	179.94	9,663.41	-76.34	410.29	111.93	10.00	10.00	0.00
9,850.00	64.06	179.94	9,687.22	-120.29	410.34	155.71	10.00	10.00	0.00
9,900.00	69.06	179.94	9,707.10	-166.15	410.39	201.40	10.00	10.00	0.00
9,950.00	74.06	179.94	9,722.92	-213.57	410.43	248.64	10.00	10.00	0.00
10,000.00	79.06	179.94	9,734.54	-262.18	410.49	297.07	10.00	10.00	0.00
10,050.00	84.06	179.94	9,741.88	-311.62	410.54	346.33	10.00	10.00	0.00
10,100.00	89.06	179.94	9,744.88	-361.52	410.59	396.04	10.00	10.00	0.00
10,109.44	90.00	179.94	9,744.96	-370.95	410.60	405.44	10.00	10.00	0.00
10,200.00	90.00	179.94	9,744.96	-461.52	410.69	495.66	0.00	0.00	0.00
10,300.00	90.00	179.94	9,744.96	-561.52	410.80	595.29	0.00	0.00	0.00
10,400.00	90.00	179.94	9,744.96	-661.52	410.90	694.92	0.00	0.00	0.00
10,500.00	90.00	179.94	9,744.96	-761.52	411.01	794.54	0.00	0.00	0.00
10,600.00	90.00	179.94	9,744.96	-861.52	411.11	894.17	0.00	0.00	0.00
10,700.00	90.00	179.94	9,744.96	-961.52	411.22	993.79	0.00	0.00	0.00
10,800.00	90.00	179.94	9,744.96	-1,061.52	411.32	1,093.42	0.00	0.00	0.00
10,900.00	90.00	179.94	9,744.97	-1,161.52	411.43	1,193.05	0.00	0.00	0.00
11,000.00	90.00	179.94	9,744.97	-1,261.52	411.53	1,292.67	0.00	0.00	0.00
11,100.00	90.00	179.94	9,744.97	-1,361.52	411.64	1,392.30	0.00	0.00	0.00
11,200.00	90.00	179.94	9,744.97	-1,461.52	411.74	1,491.92	0.00	0.00	0.00
11,300.00	90.00	179.94	9,744.97	-1,561.52	411.84	1,591.55	0.00	0.00	0.00
11,400.00	90.00	179.94	9,744.97	-1,661.52	411.95	1,691.17	0.00	0.00	0.00
11,500.00	90.00	179.94	9,744.97	-1,761.52	412.05	1,790.80	0.00	0.00	0.00
11,600.00	90.00	179.94	9,744.97	-1,861.52	412.16	1,890.43	0.00	0.00	0.00
11,700.00	90.00	179.94	9,744.97	-1,961.52	412.26	1,990.05	0.00	0.00	0.00

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11,800.00	90.00	179.94	9,744.97	-2,061.52	412.37	2,089.68	0.00	0.00	0.00
11,900.00	90.00	179.94	9,744.98	-2,161.52	412.47	2,189.30	0.00	0.00	0.00
12,000.00	90.00	179.94	9,744.98	-2,261.52	412.58	2,288.93	0.00	0.00	0.00
12,100.00	90.00	179.94	9,744.98	-2,361.52	412.68	2,388.56	0.00	0.00	0.00
12,200.00	90.00	179.94	9,744.98	-2,461.52	412.79	2,488.18	0.00	0.00	0.00
12,300.00	90.00	179.94	9,744.98	-2,561.51	412.89	2,587.81	0.00	0.00	0.00
12,400.00	90.00	179.94	9,744.98	-2,661.51	412.99	2,687.43	0.00	0.00	0.00
12,500.00	90.00	179.94	9,744.98	-2,761.51	413.10	2,787.06	0.00	0.00	0.00
12,600.00	90.00	179.94	9,744.98	-2,861.51	413.20	2,886.69	0.00	0.00	0.00
12,700.00	90.00	179.94	9,744.98	-2,961.51	413.31	2,986.31	0.00	0.00	0.00
12,800.00	90.00	179.94	9,744.98	-3,061.51	413.41	3,085.94	0.00	0.00	0.00
12,900.00	90.00	179.94	9,744.99	-3,161.51	413.52	3,185.56	0.00	0.00	0.00
13,000.00	90.00	179.94	9,744.99	-3,261.51	413.62	3,285.19	0.00	0.00	0.00
13,100.00	90.00	179.94	9,744.99	-3,361.51	413.73	3,384.82	0.00	0.00	0.00
13,200.00	90.00	179.94	9,744.99	-3,461.51	413.83	3,484.44	0.00	0.00	0.00
13,300.00	90.00	179.94	9,744.99	-3,561.51	413.94	3,584.07	0.00	0.00	0.00
13,400.00	90.00	179.94	9,744.99	-3,661.51	414.04	3,683.69	0.00	0.00	0.00
13,500.00	90.00	179.94	9,744.99	-3,761.51	414.15	3,783.32	0.00	0.00	0.00
13,600.00	90.00	179.94	9,744.99	-3,861.51	414.25	3,882.95	0.00	0.00	0.00
13,700.00	90.00	179.94	9,744.99	-3,961.51	414.35	3,982.57	0.00	0.00	0.00
13,800.00	90.00	179.94	9,744.99	-4,061.51	414.46	4,082.20	0.00	0.00	0.00
13,900.00	90.00	179.94	9,745.00	-4,161.51	414.56	4,181.82	0.00	0.00	0.00
14,000.00	90.00	179.94	9,745.00	-4,261.51	414.67	4,281.45	0.00	0.00	0.00
14,100.00	90.00	179.94	9,745.00	-4,361.51	414.77	4,381.08	0.00	0.00	0.00
14,200.00	90.00	179.94	9,745.00	-4,461.51	414.88	4,480.70	0.00	0.00	0.00
14,300.00	90.00	179.94	9,745.00	-4,561.51	414.98	4,580.33	0.00	0.00	0.00
14,400.00	90.00	179.94	9,745.00	-4,661.51	415.09	4,679.95	0.00	0.00	0.00
14,422.67	90.00	179.94	9,745.00	-4,684.18	415.11	4,702.54	0.00	0.00	0.00
[WhistleWXY#9H]LTP/BHL									
14,467.67	90.00	179.94	9,745.00	-4,729.18	415.16	4,747.37	0.00	0.00	0.00

Company:	Marathon Oil	Local Co-ordinate Reference:	Well WXY #9H
Project:	Eddy County, NM	TVD Reference:	Well @ 2939.00usft (GL: 2912' + KB: 27' (Precision582))
Site:	Whistle Pig Fee 25-28-1	MD Reference:	Well @ 2939.00usft (GL: 2912' + KB: 27' (Precision582))
Well:	WXY #9H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A	Database:	WellPlanner1

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
[WhistleWXY#9H]FTP	0.00	0.00	0.00	-28.27	410.02	424,039.00	592,987.07	32.165443	-104.032830
- plan misses target center by 410.99usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
[WhistleWXY#9H]KOP	0.00	0.00	9,172.00	202.00	410.00	424,269.27	592,987.05	32.166076	-104.032828
- plan hits target center									
- Point									
[WhistleWXY#9H]LTP/BI	0.00	0.00	9,745.00	-4,684.18	415.11	419,383.09	592,992.16	32.152644	-104.032855
- plan hits target center									
- Point									

Checked By: _____	Approved By: _____	Date: _____
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Marathon Oil
Eddy County, NM
Whistle Pig Fee 25-28-1
WXY #9H
Prelim Plan A
GL: 2912' + KB: 27' (Precision582)

US State Plane 1927 (E and NAD 83)
NAD 1927 (NADCON CONUS)
Datum: 1983
New Mexico East 3001
Mean Sea Level

RKB Elevation: Well @ 2309.00alt (GL: 2912' + KB: 27' (Precision582))

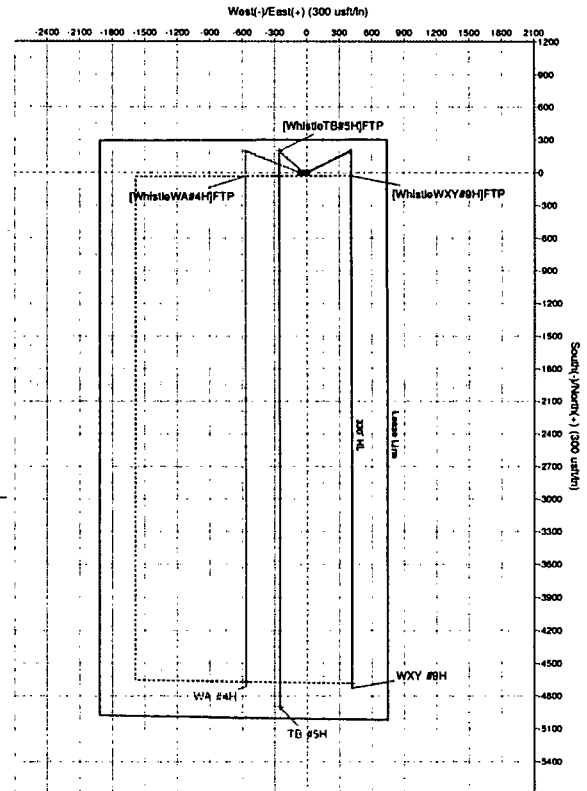
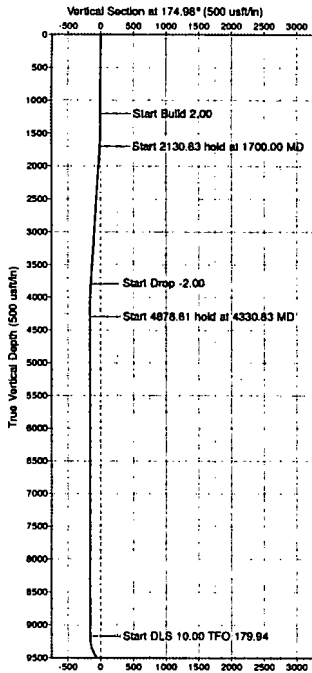
N/S	E/W	Northing	Easting	Latitude	Longitude	Spot
0.00	0.00	424067.27	592577.05	32.165524	-104.034154	

SECTION DETAILS

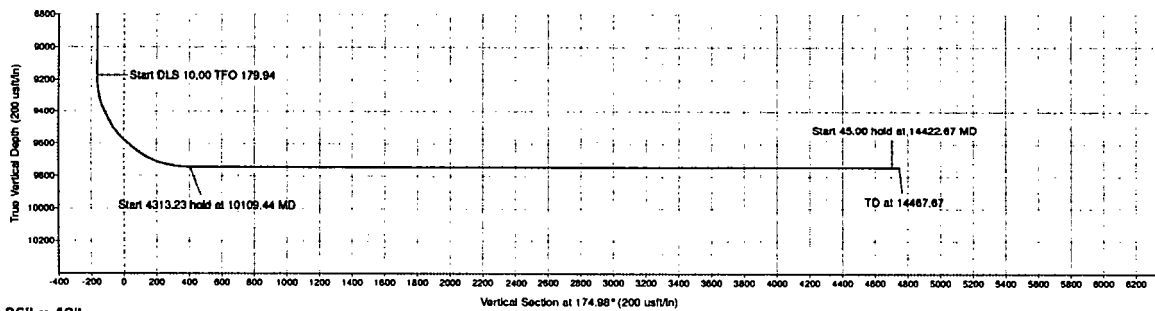
Sec	MD	Inc	Arl	TVD	N/S	E/W	Diag	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00
3	1700.00	10.00	63.77	1537.47	19.24	39.04	2.50	-15.75
4	3630.83	10.00	63.77	3795.92	182.78	370.96	0.00	-149.82
5	4330.83	0.00	0.00	4293.39	202.00	410.00	2.00	-165.37
6	9209.44	0.00	0.00	9172.00	202.00	410.00	0.00	-165.37
7	10109.44	90.00	179.94	9744.96	-370.95	410.60	10.00	405.44
8	14422.87	90.00	179.94	9745.00	-684.18	415.11	0.00	4702.54
9	14467.87	90.00	179.94	9745.00	-4729.18	415.16	0.00	4747.37

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	N/S	E/W	Northing	Easting
[WhistleWXY#9H]FTP	0.00	-28.27	410.02	424038.00	592987.07
[WhistleWXY#9H]COP	9172.00	202.00	410.00	424268.27	592987.05
[WhistleWXY#9H]TP/BHL	9745.00	-684.18	415.11	419363.08	592992.16



Target Line: 9745' TVD @ 0° VS: 90° INC



Alignments to Grid North
True North: -0.18°
Magnetic North: 8.94°
Magnetic Field
Strength: 4.7970 Gauss
Dip Angle: 58.82°
Date: 8/20/2018
Model: IIGMM

Alignments Corrections
Total Magnetic Corr. (M to G): 8.94°
Declination (M to T): 7.10° East

36" x 48"