

30.015 - 45173

NM OIL CONSERVATION
ARTESIA DISTRICTPro Directional
Survey Report

AUG 15 2018



RECEIVED

Company: Marathon Oil
Project: Eddy County, NM
Site: Whistle Pig Fee 25-28-1
Well: WA #4H
Wellbore: OH
Design: Prelim Plan A

Local Co-ordinate Reference: Well WA #4H
TVD Reference: Well @ 2940.00usft (GL: 2913' + KB: 27' (Precision582))
MD Reference: Well @ 2940.00usft (GL: 2913' + 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	WA #4H			
Well Position	+N/-S	0.00 usft	Northing:	424,067.27 usft
	+E/-W	0.00 usft	Easting:	592,517.05 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level: 2,913.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	8/3/2018	7.10	59.92	47,969.70

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	186.13

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	14,610.44	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
[WhistleWA#4H]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



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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	291.33	1,299.98	0.63	-1.63	-0.46	2.00	2.00	0.00
1,400.00	4.00	291.33	1,399.84	2.54	-6.50	-1.83	2.00	2.00	0.00
1,500.00	6.00	291.33	1,499.45	5.71	-14.62	-4.12	2.00	2.00	0.00
1,600.00	8.00	291.33	1,598.70	10.14	-25.97	-7.31	2.00	2.00	0.00
1,700.00	10.00	291.33	1,697.47	15.83	-40.54	-11.41	2.00	2.00	0.00
1,800.00	10.00	291.33	1,795.95	22.15	-56.72	-15.97	0.00	0.00	0.00
1,900.00	10.00	291.33	1,894.43	28.47	-72.89	-20.52	0.00	0.00	0.00
2,000.00	10.00	291.33	1,992.91	34.78	-89.07	-25.08	0.00	0.00	0.00
2,100.00	10.00	291.33	2,091.39	41.10	-105.24	-29.63	0.00	0.00	0.00
2,200.00	10.00	291.33	2,189.87	47.42	-121.42	-34.19	0.00	0.00	0.00
2,300.00	10.00	291.33	2,288.35	53.73	-137.59	-38.74	0.00	0.00	0.00
2,400.00	10.00	291.33	2,386.83	60.05	-153.77	-43.29	0.00	0.00	0.00
2,500.00	10.00	291.33	2,485.31	66.37	-169.94	-47.85	0.00	0.00	0.00
2,600.00	10.00	291.33	2,583.79	72.68	-186.12	-52.40	0.00	0.00	0.00
2,700.00	10.00	291.33	2,682.27	79.00	-202.29	-56.96	0.00	0.00	0.00
2,800.00	10.00	291.33	2,780.75	85.32	-218.47	-61.51	0.00	0.00	0.00
2,900.00	10.00	291.33	2,879.23	91.64	-234.64	-66.07	0.00	0.00	0.00
3,000.00	10.00	291.33	2,977.72	97.95	-250.82	-70.62	0.00	0.00	0.00
3,100.00	10.00	291.33	3,076.20	104.27	-266.99	-75.17	0.00	0.00	0.00
3,200.00	10.00	291.33	3,174.68	110.59	-283.17	-79.73	0.00	0.00	0.00
3,300.00	10.00	291.33	3,273.16	116.90	-299.34	-84.28	0.00	0.00	0.00
3,400.00	10.00	291.33	3,371.64	123.22	-315.52	-88.84	0.00	0.00	0.00
3,500.00	10.00	291.33	3,470.12	129.54	-331.69	-93.39	0.00	0.00	0.00
3,600.00	10.00	291.33	3,568.60	135.85	-347.87	-97.95	0.00	0.00	0.00
3,700.00	10.00	291.33	3,667.08	142.17	-364.04	-102.50	0.00	0.00	0.00
3,800.00	10.00	291.33	3,765.56	148.49	-380.22	-107.05	0.00	0.00	0.00
3,900.00	10.00	291.33	3,864.04	154.80	-396.39	-111.61	0.00	0.00	0.00
4,000.00	10.00	291.33	3,962.52	161.12	-412.57	-116.16	0.00	0.00	0.00
4,100.00	10.00	291.33	4,061.00	167.44	-428.74	-120.72	0.00	0.00	0.00
4,200.00	10.00	291.33	4,159.48	173.75	-444.92	-125.27	0.00	0.00	0.00
4,300.00	10.00	291.33	4,257.97	180.07	-461.09	-129.83	0.00	0.00	0.00
4,333.18	10.00	291.33	4,290.64	182.17	-466.46	-131.34	0.00	0.00	0.00
4,400.00	8.66	291.33	4,356.58	186.11	-476.55	-134.18	2.00	-2.00	0.00
4,500.00	6.66	291.33	4,455.68	190.96	-488.97	-137.67	2.00	-2.00	0.00

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4,600.00	4.66	291.33	4,555.18	194.55	-498.17	-140.26	2.00	-2.00	0.00
4,700.00	2.66	291.33	4,654.97	196.87	-504.12	-141.94	2.00	-2.00	0.00
4,800.00	0.66	291.33	4,754.93	197.93	-506.82	-142.70	2.00	-2.00	0.00
4,833.18	0.00	0.00	4,788.10	198.00	-507.00	-142.75	2.00	-2.00	0.00
4,900.00	0.00	0.00	4,854.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,000.00	0.00	0.00	4,954.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,100.00	0.00	0.00	5,054.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,200.00	0.00	0.00	5,154.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,300.00	0.00	0.00	5,254.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,400.00	0.00	0.00	5,354.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,500.00	0.00	0.00	5,454.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,600.00	0.00	0.00	5,554.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,700.00	0.00	0.00	5,654.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,800.00	0.00	0.00	5,754.93	198.00	-507.00	-142.75	0.00	0.00	0.00
5,900.00	0.00	0.00	5,854.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,000.00	0.00	0.00	5,954.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,100.00	0.00	0.00	6,054.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,200.00	0.00	0.00	6,154.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,300.00	0.00	0.00	6,254.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,400.00	0.00	0.00	6,354.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,500.00	0.00	0.00	6,454.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,600.00	0.00	0.00	6,554.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,700.00	0.00	0.00	6,654.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,800.00	0.00	0.00	6,754.93	198.00	-507.00	-142.75	0.00	0.00	0.00
6,900.00	0.00	0.00	6,854.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,000.00	0.00	0.00	6,954.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,100.00	0.00	0.00	7,054.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,200.00	0.00	0.00	7,154.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,300.00	0.00	0.00	7,254.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,400.00	0.00	0.00	7,354.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,500.00	0.00	0.00	7,454.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,600.00	0.00	0.00	7,554.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,700.00	0.00	0.00	7,654.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,800.00	0.00	0.00	7,754.93	198.00	-507.00	-142.75	0.00	0.00	0.00
7,900.00	0.00	0.00	7,854.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,000.00	0.00	0.00	7,954.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,100.00	0.00	0.00	8,054.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,200.00	0.00	0.00	8,154.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,300.00	0.00	0.00	8,254.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,400.00	0.00	0.00	8,354.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,500.00	0.00	0.00	8,454.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,600.00	0.00	0.00	8,554.93	198.00	-507.00	-142.75	0.00	0.00	0.00

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8,700.00	0.00	0.00	8,654.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,800.00	0.00	0.00	8,754.93	198.00	-507.00	-142.75	0.00	0.00	0.00
8,900.00	0.00	0.00	8,854.93	198.00	-507.00	-142.75	0.00	0.00	0.00
9,000.00	0.00	0.00	8,954.93	198.00	-507.00	-142.75	0.00	0.00	0.00
9,100.00	0.00	0.00	9,054.93	198.00	-507.00	-142.75	0.00	0.00	0.00
9,200.00	0.00	0.00	9,154.93	198.00	-507.00	-142.75	0.00	0.00	0.00
9,300.00	0.00	0.00	9,254.93	198.00	-507.00	-142.75	0.00	0.00	0.00
9,372.07	0.00	0.00	9,327.00	198.00	-507.00	-142.75	0.00	0.00	0.00
[WhistleWA#4H]KOP									
9,400.00	2.79	179.99	9,354.92	197.32	-507.00	-142.07	10.00	10.00	0.00
9,450.00	7.79	179.99	9,404.69	192.71	-507.00	-137.49	10.00	10.00	0.00
9,500.00	12.79	179.99	9,453.87	183.78	-507.00	-128.61	10.00	10.00	0.00
9,550.00	17.79	179.99	9,502.08	170.59	-506.99	-115.50	10.00	10.00	0.00
9,600.00	22.79	179.99	9,548.96	153.26	-506.99	-98.27	10.00	10.00	0.00
9,650.00	27.79	179.99	9,594.16	131.90	-506.99	-77.03	10.00	10.00	0.00
9,700.00	32.79	179.99	9,637.31	106.69	-506.98	-51.97	10.00	10.00	0.00
9,750.00	37.79	179.99	9,678.11	77.81	-506.98	-23.25	10.00	10.00	0.00
9,800.00	42.79	179.99	9,716.24	45.49	-506.97	8.89	10.00	10.00	0.00
9,850.00	47.79	179.99	9,751.40	9.96	-506.96	44.21	10.00	10.00	0.00
9,900.00	52.79	179.99	9,783.33	-28.49	-506.95	82.44	10.00	10.00	0.00
9,950.00	57.79	179.99	9,811.79	-69.58	-506.95	123.30	10.00	10.00	0.00
10,000.00	62.79	179.99	9,836.56	-112.99	-506.94	166.46	10.00	10.00	0.00
10,050.00	67.79	179.99	9,857.46	-158.40	-506.93	211.61	10.00	10.00	0.00
10,100.00	72.79	179.99	9,874.31	-205.46	-506.92	258.40	10.00	10.00	0.00
10,150.00	77.79	179.99	9,887.00	-253.81	-506.91	306.46	10.00	10.00	0.00
10,200.00	82.79	179.99	9,895.43	-303.07	-506.90	355.45	10.00	10.00	0.00
10,250.00	87.79	179.99	9,899.53	-352.89	-506.89	404.98	10.00	10.00	0.00
10,272.07	90.00	179.99	9,899.96	-374.95	-506.88	426.92	10.00	10.00	0.00
10,300.00	90.00	179.99	9,899.96	-402.88	-506.88	454.69	0.00	0.00	0.00
10,400.00	90.00	179.99	9,899.96	-502.88	-506.86	554.11	0.00	0.00	0.00
10,500.00	90.00	179.99	9,899.96	-602.88	-506.84	653.54	0.00	0.00	0.00
10,600.00	90.00	179.99	9,899.96	-702.88	-506.82	752.97	0.00	0.00	0.00
10,700.00	90.00	179.99	9,899.96	-802.88	-506.80	852.39	0.00	0.00	0.00
10,800.00	90.00	179.99	9,899.96	-902.88	-506.78	951.82	0.00	0.00	0.00
10,900.00	90.00	179.99	9,899.96	-1,002.88	-506.76	1,051.25	0.00	0.00	0.00
11,000.00	90.00	179.99	9,899.97	-1,102.88	-506.74	1,150.67	0.00	0.00	0.00
11,100.00	90.00	179.99	9,899.97	-1,202.88	-506.72	1,250.10	0.00	0.00	0.00
11,200.00	90.00	179.99	9,899.97	-1,302.88	-506.69	1,349.53	0.00	0.00	0.00
11,300.00	90.00	179.99	9,899.97	-1,402.88	-506.67	1,448.95	0.00	0.00	0.00
11,400.00	90.00	179.99	9,899.97	-1,502.88	-506.65	1,548.38	0.00	0.00	0.00
11,500.00	90.00	179.99	9,899.97	-1,602.88	-506.63	1,647.81	0.00	0.00	0.00
11,600.00	90.00	179.99	9,899.97	-1,702.88	-506.61	1,747.23	0.00	0.00	0.00

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11,700.00	90.00	179.99	9,899.97	-1,802.88	-506.59	1,846.66	0.00	0.00	0.00
11,800.00	90.00	179.99	9,899.97	-1,902.88	-506.57	1,946.09	0.00	0.00	0.00
11,900.00	90.00	179.99	9,899.97	-2,002.88	-506.55	2,045.51	0.00	0.00	0.00
12,000.00	90.00	179.99	9,899.98	-2,102.88	-506.53	2,144.94	0.00	0.00	0.00
12,100.00	90.00	179.99	9,899.98	-2,202.88	-506.51	2,244.37	0.00	0.00	0.00
12,200.00	90.00	179.99	9,899.98	-2,302.88	-506.49	2,343.79	0.00	0.00	0.00
12,300.00	90.00	179.99	9,899.98	-2,402.88	-506.47	2,443.22	0.00	0.00	0.00
12,400.00	90.00	179.99	9,899.98	-2,502.88	-506.45	2,542.64	0.00	0.00	0.00
12,500.00	90.00	179.99	9,899.98	-2,602.88	-506.43	2,642.07	0.00	0.00	0.00
12,600.00	90.00	179.99	9,899.98	-2,702.88	-506.41	2,741.50	0.00	0.00	0.00
12,700.00	90.00	179.99	9,899.98	-2,802.88	-506.39	2,840.92	0.00	0.00	0.00
12,800.00	90.00	179.99	9,899.98	-2,902.88	-506.37	2,940.35	0.00	0.00	0.00
12,900.00	90.00	179.99	9,899.98	-3,002.88	-506.35	3,039.78	0.00	0.00	0.00
13,000.00	90.00	179.99	9,899.98	-3,102.88	-506.33	3,139.20	0.00	0.00	0.00
13,100.00	90.00	179.99	9,899.99	-3,202.88	-506.31	3,238.63	0.00	0.00	0.00
13,200.00	90.00	179.99	9,899.99	-3,302.88	-506.29	3,338.06	0.00	0.00	0.00
13,300.00	90.00	179.99	9,899.99	-3,402.88	-506.27	3,437.48	0.00	0.00	0.00
13,400.00	90.00	179.99	9,899.99	-3,502.88	-506.25	3,536.91	0.00	0.00	0.00
13,500.00	90.00	179.99	9,899.99	-3,602.88	-506.23	3,636.34	0.00	0.00	0.00
13,600.00	90.00	179.99	9,899.99	-3,702.88	-506.21	3,735.76	0.00	0.00	0.00
13,700.00	90.00	179.99	9,899.99	-3,802.88	-506.19	3,835.19	0.00	0.00	0.00
13,800.00	90.00	179.99	9,899.99	-3,902.88	-506.17	3,934.62	0.00	0.00	0.00
13,900.00	90.00	179.99	9,899.99	-4,002.88	-506.15	4,034.04	0.00	0.00	0.00
14,000.00	90.00	179.99	9,899.99	-4,102.88	-506.13	4,133.47	0.00	0.00	0.00
14,100.00	90.00	179.99	9,900.00	-4,202.88	-506.10	4,232.90	0.00	0.00	0.00
14,200.00	90.00	179.99	9,900.00	-4,302.88	-506.08	4,332.32	0.00	0.00	0.00
14,300.00	90.00	179.99	9,900.00	-4,402.88	-506.06	4,431.75	0.00	0.00	0.00
14,400.00	90.00	179.99	9,900.00	-4,502.88	-506.04	4,531.17	0.00	0.00	0.00
14,500.00	90.00	179.99	9,900.00	-4,602.88	-506.02	4,630.60	0.00	0.00	0.00
14,565.44	90.00	179.99	9,900.00	-4,668.32	-506.01	4,695.66	0.00	0.00	0.00
[WhistleWA#4H]LTP/BHL									
14,600.00	90.00	179.99	9,900.00	-4,702.88	-506.00	4,730.03	0.00	0.00	0.00
14,610.44	90.00	179.99	9,900.00	-4,713.32	-506.00	4,740.40	0.00	0.00	0.00

Company: Marathon Oil
Project: Eddy County, NM
Site: Whistle Pig Fee 25-28-1
Well: WA #4H
Wellbore: OH
Design: Prelim Plan A

Local Co-ordinate Reference: Well WA #4H
TVD Reference: Well @ 2940.00usft (GL: 2913' + KB: 27' (Precision582))
MD Reference: Well @ 2940.00usft (GL: 2913' + KB: 27' (Precision582))
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
[WhistleWA#4H]FTP - plan misses target center by 507.53usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Point	0.00	0.00	0.00	-31.87	-506.53	424,035.40	592,010.52	32.165441	-104.035986
[WhistleWA#4H]KOP - plan hits target center - Point	0.00	0.00	9,327.00	198.00	-507.00	424,265.27	592,010.05	32.166073	-104.035985
[WhistleWA#4H]LTP/BHI - plan hits target center - Point	0.00	0.00	9,900.00	-4,668.32	-506.01	419,398.95	592,011.04	32.152695	-104.036026

Checked By: _____ Approved By: _____ Date: _____



Marathon Oil
Eddy County, NM
Whistle Pig Fee 25-28-1
WA #4H
Prelim Plan A
GL: 2913' + KB: 27' (Precision582)

US State Plane 1987 (F-act solution)
NAD 1987 (NADCON CONUS)
Datum: 1986
New Mexico East 3001
Mean Sea Level

RKB Elevation: Well @ 2940.00usft (GL: 2913' + KB: 27' (Precision582))

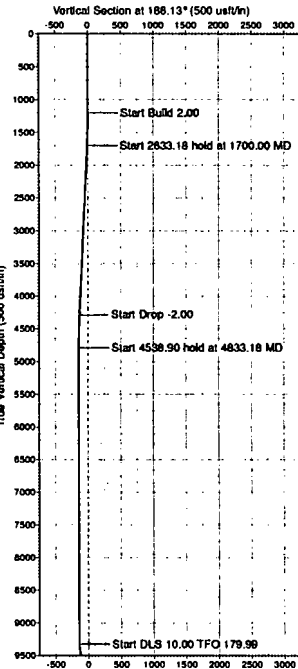
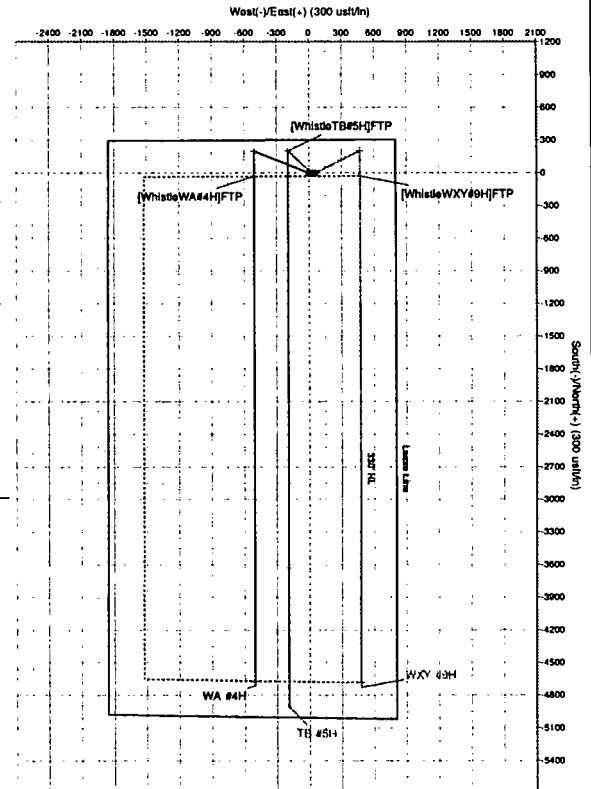
N/S	E/W	North	East	Latitude	Longitude	Site
0.00	0.00	424067.27	592517.05	32.165525	-104.034348	

SECTION DETAILS

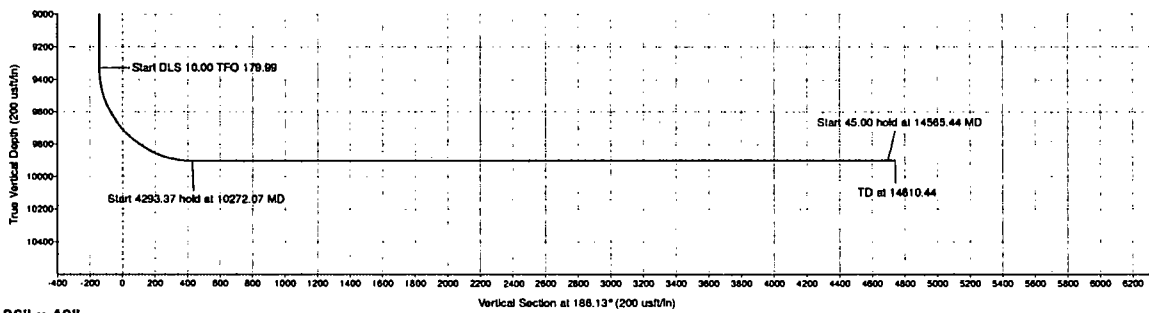
Sec	MD	Inc	AH	TVD	N/S	E/W	Diag	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00
3	1700.00	10.00	291.33	1597.47	15.83	-40.54	2.00	-11.41
4	4333.18	10.00	291.33	4290.64	182.17	-468.48	0.00	-131.34
5	4833.18	0.00	0.00	4788.10	198.00	-507.00	2.00	-142.75
6	8372.07	0.00	0.00	8327.00	198.00	-507.00	0.00	-142.75
7	10272.07	90.00	179.99	9899.96	-374.95	-506.68	10.00	425.82
8	14565.44	90.00	179.99	9800.00	-4668.32	-506.01	0.00	4895.68
9	14610.44	90.00	179.99	9900.00	-4713.32	-506.00	0.00	4740.40

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	N/S	E/W	North	East
WhistleWA#4HJFTP	0.00	-31.87	-506.53	424035.40	592010.52
WhistleWA#4HJOP	9327.00	198.00	-507.00	424265.27	592010.05
WhistleWA#4HJLTP/BHL	9900.00	-4668.32	-506.01	419398.95	592011.04



Target Line: 9900' TVD @ 0° VS: 90° INC



Alignments to Grid North
True North: 0.18°
Magnetic North: 0.18°
Magnetic Field
Strength: 4760.7nT
Dip Angle: 58.99°
Decl: 87.0018
Model: ICDM

Alignments Corrections
Total Magnetic Corr. (M to G): 6.94°
Declination (M to T): 7.10° East

36" x 48"