



## Survey Report

<b>Company:</b>	Whiting Petroleum Corporation	<b>Local Co-ordinate Reference:</b>	Well HORSETAIL #07F-1806
<b>Project:</b>	Weld County, CO	<b>TVD Reference:</b>	21' KB @ 4920.00usft
<b>Site:</b>	S7-T10N-R57W	<b>MD Reference:</b>	21' KB @ 4920.00usft
<b>Well:</b>	HORSETAIL #07F-1806	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL	<b>Database:</b>	USA EDM 5000 Multi Users DB

<b>Project</b>	Weld County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Northern Zone		

Site		S7-T10N-R57W			
Site Position:		Northing:	1,558,398.55 usft	Latitude:	40.853828
From:	Lat/Long	Easting:	3,469,859.44 usft	Longitude:	-103.801481
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.10 °

Well	HORSETAIL #07F-1806					
Well Position	+N/-S	0.00 usft	Northing:	1,558,396.90 usft	Latitude:	40.853744
	+E/-W	0.00 usft	Easting:	3,471,361.44 usft	Longitude:	-103.796053
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	4,899.00 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM	4/2/2016	7.57	67.33	52,878

<b>Design</b>	FINAL				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	179.55	

<b>Survey Program</b>	<b>Date</b>	4/19/2016			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
222.00	13,967.00	Survey #1 (OH)	MWD+IFR1+SAG+MS	MWD + IFR1 + Sag + Multi-Station Correction	

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usf)</b>	<b>Build Rate (°/100u)</b>	<b>Formations / Comments</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
222.00	0.43	112.50	222.00	-0.32	0.77	0.32	0.19	0.19		
316.00	1.37	350.50	315.99	0.65	0.91	-0.65	1.74	1.00		
410.00	3.23	334.77	409.91	4.16	-0.40	-4.16	2.07	1.98		
505.00	4.69	329.91	504.68	9.94	-3.49	-9.97	1.58	1.54		
599.00	6.19	328.28	598.26	17.58	-8.08	-17.64	1.60	1.60		
693.00	7.45	323.18	691.59	26.77	-14.40	-26.88	1.49	1.34		
787.00	7.49	322.29	784.79	36.49	-21.80	-36.66	0.13	0.04		
881.00	7.16	322.92	878.02	46.01	-29.08	-46.24	0.36	-0.35		
976.00	7.98	317.22	972.20	55.58	-37.13	-55.87	1.17	0.86		
1,070.00	7.83	318.30	1,065.30	65.15	-45.82	-65.50	0.22	-0.16		
1,164.00	7.31	321.58	1,158.48	74.61	-53.80	-75.03	0.72	-0.55		
1,259.00	6.80	321.93	1,252.76	83.77	-61.02	-84.25	0.54	-0.54		

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<b>Site:</b>	S7-T10N-R57W	<b>MD Reference:</b>	21' KB @ 4920.00usft
<b>Well:</b>	HORSETAIL #07F-1806	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL	<b>Database:</b>	USA EDM 5000 Multi Users DB

### Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
1,353.00	7.57	320.47	1,346.03	92.93	-68.39	-93.47	0.84	0.82	
1,447.00	7.62	322.79	1,439.20	102.67	-76.10	-103.27	0.33	0.05	
1,541.00	7.08	325.04	1,532.43	112.38	-83.19	-113.03	0.65	-0.57	
1,636.00	8.36	323.42	1,626.57	122.73	-90.66	-123.43	1.37	1.35	
1,730.00	7.64	324.51	1,719.65	133.30	-98.36	-134.07	0.78	-0.77	
1,825.00	6.47	326.31	1,813.93	142.90	-105.00	-143.72	1.25	-1.23	
1,919.00	5.41	315.11	1,907.43	150.44	-111.06	-151.31	1.67	-1.13	
1,967.00	5.43	308.95	1,955.21	153.47	-114.43	-154.37	1.21	0.04	
2,115.00	4.64	303.81	2,102.64	161.21	-124.85	-162.18	0.61	-0.53	
2,209.00	5.58	315.31	2,196.27	166.57	-131.22	-167.60	1.47	1.00	
2,303.00	7.65	317.97	2,289.64	174.47	-138.62	-175.55	2.23	2.20	
2,397.00	7.58	316.99	2,382.81	183.65	-147.04	-184.80	0.16	-0.07	
2,491.00	7.48	317.05	2,476.00	192.66	-155.44	-193.88	0.11	-0.11	
2,586.00	9.17	315.66	2,569.99	202.60	-164.94	-203.89	1.79	1.78	
2,680.00	9.00	314.92	2,662.82	213.15	-175.38	-214.52	0.22	-0.18	
2,775.00	8.78	314.36	2,756.67	223.47	-185.83	-224.92	0.25	-0.23	
2,869.00	8.89	313.92	2,849.56	233.52	-196.19	-235.06	0.14	0.12	
2,963.00	9.01	314.78	2,942.41	243.75	-206.65	-245.36	0.19	0.13	
3,057.00	8.83	315.15	3,035.28	254.05	-216.96	-255.74	0.20	-0.19	
3,152.00	8.74	311.96	3,129.16	264.04	-227.47	-265.82	0.52	-0.09	
3,175.00	8.18	313.45	3,151.91	266.33	-229.96	-268.13	2.61	-2.43	
3,270.00	8.15	312.32	3,245.95	275.52	-239.84	-277.39	0.17	-0.03	
3,364.00	8.21	309.56	3,338.99	284.28	-249.94	-286.23	0.42	0.06	
3,458.00	7.88	304.94	3,432.07	292.24	-260.40	-294.28	0.77	-0.35	
3,552.00	7.59	313.23	3,525.22	300.18	-270.21	-302.30	1.23	-0.31	
3,646.00	8.41	324.46	3,618.31	310.03	-278.72	-312.21	1.87	0.87	
3,740.00	10.06	334.11	3,711.09	323.01	-286.31	-325.25	2.40	1.76	
3,834.00	10.01	335.34	3,803.65	337.82	-293.30	-340.11	0.23	-0.05	
3,929.00	9.14	334.87	3,897.33	352.16	-299.95	-354.50	0.92	-0.92	
4,023.00	10.86	334.06	3,989.90	366.88	-306.99	-369.28	1.84	1.83	
4,117.00	11.37	328.53	4,082.14	382.75	-315.70	-385.21	1.26	0.54	
4,211.00	11.92	313.28	4,174.22	397.31	-327.61	-399.87	3.32	0.59	
4,305.00	10.40	303.34	4,266.45	408.63	-341.77	-411.30	2.60	-1.62	
4,399.00	8.41	281.51	4,359.21	414.67	-355.60	-417.45	4.31	-2.12	
4,493.00	5.84	278.43	4,452.48	416.74	-367.07	-419.61	2.76	-2.73	
4,588.00	3.30	270.70	4,547.17	417.48	-374.58	-420.41	2.75	-2.67	
4,681.00	4.44	255.77	4,639.96	416.63	-380.75	-419.61	1.63	1.23	
4,775.00	4.70	226.62	4,733.67	413.09	-387.08	-416.12	2.46	0.28	
4,870.00	5.04	161.04	4,828.40	406.46	-388.55	-409.50	5.56	0.36	
4,964.00	3.02	118.07	4,922.18	401.39	-385.02	-404.40	3.72	-2.15	
5,058.00	0.69	103.41	5,016.12	400.10	-382.29	-403.09	2.51	-2.48	
5,153.00	5.96	211.26	5,110.96	395.74	-384.29	-398.75	6.53	5.55	
5,247.00	12.43	223.67	5,203.71	384.24	-393.82	-387.32	7.16	6.88	
5,342.00	19.66	223.25	5,294.95	365.18	-411.85	-368.40	7.61	7.61	
5,436.00	27.03	214.52	5,381.22	336.01	-434.83	-339.42	8.64	7.84	
5,530.00	38.55	201.49	5,460.20	290.95	-457.77	-294.54	14.31	12.26	
5,624.00	44.82	187.70	5,530.52	230.68	-472.99	-234.39	11.79	6.67	
5,671.00	47.51	181.02	5,563.09	196.91	-475.52	-200.64	11.74	5.72	
5,719.00	51.52	182.13	5,594.24	160.43	-476.53	-164.17	8.54	8.35	
5,766.00	56.03	181.50	5,622.01	122.54	-477.73	-126.29	9.66	9.60	
5,813.00	60.15	181.41	5,646.85	82.67	-478.74	-86.42	8.77	8.77	
5,860.00	62.63	178.06	5,669.36	41.42	-478.53	-45.18	8.18	5.28	
5,907.00	64.94	172.64	5,690.13	-0.58	-475.10	-3.15	11.45	4.91	

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<b>Site:</b>	S7-T10N-R57W	<b>MD Reference:</b>	21' KB @ 4920.00usft
<b>Well:</b>	HORSETAIL #07F-1806	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL	<b>Database:</b>	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
5,954.00	64.58	171.37	5,710.17	-42.68	-469.19	38.99	2.56	-0.77	
6,002.00	65.29	171.01	5,730.51	-85.65	-462.53	82.01	1.63	1.48	
6,049.00	68.47	171.73	5,748.96	-128.38	-456.04	124.79	6.91	6.77	
6,095.00	70.39	172.32	5,765.12	-171.03	-450.07	167.49	4.34	4.17	
6,142.00	71.01	172.78	5,780.66	-215.01	-444.32	211.51	1.61	1.32	
6,147.00	71.31	173.01	5,782.27	-219.71	-443.73	216.21	7.40	6.00	BTM MARKER JOINT @ 6147' MD (111' FNL, 17'
6,190.00	73.90	174.95	5,795.13	-260.51	-439.44	257.05	7.40	6.02	
6,237.00	77.14	175.64	5,806.88	-305.86	-435.71	302.42	7.04	6.89	
6,284.00	80.42	177.54	5,816.02	-351.87	-432.97	348.46	8.03	6.98	
6,331.00	83.59	178.84	5,822.56	-398.38	-431.50	394.98	7.28	6.74	
6,378.00	89.52	178.69	5,825.38	-445.26	-430.49	441.87	12.62	12.62	
6,473.00	94.85	176.60	5,821.76	-540.08	-426.59	536.71	6.03	5.61	
6,567.00	93.20	174.70	5,815.16	-633.57	-419.48	630.25	2.67	-1.76	
6,661.00	91.19	172.59	5,811.56	-726.91	-409.08	723.67	3.10	-2.14	
6,756.00	89.39	173.05	5,811.08	-821.16	-397.21	818.01	1.96	-1.89	
6,850.00	90.95	172.86	5,810.80	-914.45	-385.68	911.39	1.67	1.66	
6,944.00	89.78	173.37	5,810.20	-1,007.76	-374.41	1,004.79	1.36	-1.24	
7,039.00	88.57	174.48	5,811.57	-1,102.22	-364.36	1,099.32	1.73	-1.27	
7,133.00	87.41	177.73	5,814.87	-1,195.93	-357.98	1,193.08	3.67	-1.23	
7,226.00	86.70	179.70	5,819.65	-1,288.78	-355.90	1,285.94	2.25	-0.76	
7,320.00	88.33	182.14	5,823.72	-1,382.67	-357.41	1,379.82	3.12	1.73	
7,415.00	88.92	182.59	5,826.00	-1,477.56	-361.32	1,474.67	0.78	0.62	
7,509.00	91.48	182.27	5,825.67	-1,571.46	-365.31	1,568.55	2.74	2.72	
7,603.00	94.08	181.88	5,821.12	-1,665.28	-368.71	1,662.34	2.80	2.77	
7,697.00	92.49	180.42	5,815.73	-1,759.10	-370.59	1,756.14	2.29	-1.69	
7,790.00	89.38	179.70	5,814.21	-1,852.08	-370.69	1,849.11	3.43	-3.34	
7,885.00	90.59	178.82	5,814.24	-1,947.07	-369.46	1,944.11	1.57	1.27	
7,979.00	89.62	178.79	5,814.06	-2,041.05	-367.50	2,038.10	1.03	-1.03	
8,072.00	90.33	178.17	5,814.11	-2,134.01	-365.03	2,131.08	1.01	0.76	
8,167.00	91.42	177.64	5,812.65	-2,228.94	-361.56	2,226.03	1.28	1.15	
8,261.00	89.59	178.58	5,811.83	-2,322.88	-358.46	2,319.99	2.19	-1.95	
8,354.00	90.22	178.74	5,811.98	-2,415.85	-356.29	2,412.98	0.70	0.68	
8,449.00	91.60	178.01	5,810.47	-2,510.80	-353.59	2,507.94	1.64	1.45	
8,543.00	91.19	180.12	5,808.18	-2,604.75	-352.06	2,601.91	2.29	-0.44	
8,638.00	91.16	181.30	5,806.23	-2,699.72	-353.24	2,696.87	1.24	-0.03	
8,733.00	90.96	181.00	5,804.48	-2,794.69	-355.14	2,791.81	0.38	-0.21	
8,828.00	89.93	180.11	5,803.74	-2,889.68	-356.06	2,886.79	1.43	-1.08	
8,919.00	91.21	178.73	5,802.83	-2,980.67	-355.14	2,977.78	2.07	1.41	
9,010.00	90.30	176.74	5,801.64	-3,071.58	-351.55	3,068.73	2.40	-1.00	
9,102.00	86.84	177.25	5,803.93	-3,163.41	-346.73	3,160.59	3.80	-3.76	
9,193.00	88.12	179.58	5,807.93	-3,254.28	-344.21	3,251.48	2.92	1.41	
9,285.00	89.44	180.76	5,809.89	-3,346.26	-344.49	3,343.45	1.92	1.43	
9,377.00	92.06	182.06	5,808.69	-3,438.21	-346.75	3,435.38	3.18	2.85	
9,469.00	94.41	181.57	5,803.50	-3,530.01	-349.66	3,527.16	2.61	2.55	
9,560.00	92.77	180.84	5,797.80	-3,620.81	-351.57	3,617.94	1.97	-1.80	
9,652.00	90.30	179.69	5,795.33	-3,712.77	-351.99	3,709.89	2.96	-2.68	
9,744.00	88.81	177.43	5,796.05	-3,804.73	-349.68	3,801.86	2.94	-1.62	
9,835.00	90.12	176.12	5,796.90	-3,895.57	-344.56	3,892.75	2.04	1.44	
9,927.00	86.99	177.11	5,799.22	-3,987.37	-339.13	3,984.58	3.57	-3.40	
10,016.00	85.18	178.97	5,805.29	-4,076.10	-336.09	4,073.34	2.91	-2.03	
10,108.00	87.18	181.56	5,811.42	-4,167.89	-336.52	4,165.11	3.55	2.17	
10,199.00	90.39	182.97	5,813.35	-4,258.78	-340.12	4,255.98	3.85	3.53	
10,291.00	90.99	183.43	5,812.25	-4,350.63	-345.25	4,347.78	0.82	0.65	

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<b>Well:</b>	HORSETAIL #07F-1806	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL	<b>Database:</b>	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
10,383.00	90.45	181.51	5,811.09	-4,442.53	-349.22	4,439.65	2.17	-0.59	
10,475.00	90.90	180.48	5,810.01	-4,534.51	-350.81	4,531.62	1.22	0.49	
10,566.00	89.35	179.68	5,809.81	-4,625.51	-350.94	4,622.61	1.92	-1.70	
10,657.00	90.16	180.64	5,810.20	-4,716.50	-351.19	4,713.60	1.38	0.89	
10,752.00	91.61	181.88	5,808.73	-4,811.46	-353.28	4,808.54	2.01	1.53	
10,846.00	91.73	181.62	5,805.99	-4,905.38	-356.15	4,902.43	0.30	0.13	
10,940.00	92.05	180.44	5,802.89	-4,999.31	-357.84	4,996.35	1.30	0.34	
11,034.00	89.92	179.53	5,801.27	-5,093.29	-357.82	5,090.33	2.46	-2.27	
11,127.00	89.30	178.53	5,801.91	-5,186.28	-356.24	5,183.32	1.27	-0.67	
11,221.00	89.15	176.94	5,803.18	-5,280.19	-352.53	5,277.26	1.70	-0.16	
11,316.00	92.00	178.10	5,802.22	-5,375.09	-348.42	5,372.18	3.24	3.00	
11,410.00	91.52	179.23	5,799.34	-5,469.01	-346.23	5,466.13	1.31	-0.51	
11,504.00	90.92	178.44	5,797.34	-5,562.97	-344.32	5,560.10	1.06	-0.64	
11,598.00	89.59	178.36	5,796.92	-5,656.93	-341.69	5,654.07	1.42	-1.41	
11,692.00	90.78	177.92	5,796.61	-5,750.88	-338.64	5,748.04	1.35	1.27	
11,786.00	89.12	178.10	5,796.70	-5,844.82	-335.38	5,842.01	1.78	-1.77	
11,880.00	90.11	177.90	5,797.33	-5,938.76	-332.10	5,935.97	1.07	1.05	
11,974.00	88.49	179.13	5,798.48	-6,032.72	-329.66	6,029.94	2.16	-1.72	
12,068.00	88.67	181.43	5,800.81	-6,126.68	-330.12	6,123.90	2.45	0.19	
12,163.00	90.81	181.48	5,801.24	-6,221.64	-332.53	6,218.84	2.25	2.25	
12,257.00	90.51	180.51	5,800.15	-6,315.62	-334.17	6,312.80	1.08	-0.32	
12,352.00	87.81	178.69	5,801.55	-6,410.60	-333.50	6,407.78	3.43	-2.84	
12,446.00	87.55	177.73	5,805.35	-6,504.47	-330.57	6,501.67	1.06	-0.28	
12,539.00	86.64	179.15	5,810.07	-6,597.31	-328.04	6,594.53	1.81	-0.98	
12,633.00	87.81	182.07	5,814.62	-6,691.19	-329.04	6,688.40	3.34	1.24	
12,727.00	91.76	184.39	5,814.97	-6,785.01	-334.34	6,782.18	4.87	4.20	
12,821.00	94.96	183.25	5,809.46	-6,878.63	-340.59	6,875.74	3.61	3.40	
12,913.00	94.08	180.47	5,802.21	-6,970.28	-343.56	6,967.37	3.16	-0.96	
13,003.00	89.47	179.00	5,799.42	-7,060.21	-343.15	7,057.30	5.38	-5.12	
13,094.00	87.98	177.58	5,801.45	-7,151.14	-340.43	7,148.25	2.26	-1.64	
13,184.00	89.62	176.59	5,803.33	-7,241.00	-335.86	7,238.14	2.13	1.82	
13,276.00	91.74	176.30	5,802.24	-7,332.82	-330.15	7,330.00	2.33	2.30	
13,367.00	91.19	175.58	5,799.91	-7,423.56	-323.71	7,420.78	1.00	-0.60	
13,458.00	89.65	175.50	5,799.25	-7,514.28	-316.64	7,511.56	1.69	-1.69	
13,548.00	87.12	176.69	5,801.78	-7,604.02	-310.51	7,601.35	3.11	-2.81	
13,640.00	86.50	179.22	5,806.90	-7,695.81	-307.23	7,693.16	2.83	-0.67	
13,732.00	87.89	181.94	5,811.41	-7,787.69	-308.16	7,785.03	3.32	1.51	
13,823.00	88.92	181.18	5,813.94	-7,878.62	-310.64	7,875.93	1.41	1.13	
13,914.00	89.92	180.34	5,814.86	-7,969.60	-311.84	7,966.91	1.44	1.10	LAST CES SURVEY @ 13,914' MD
13,967.00	89.92	180.34	5,814.93	-8,022.60	-312.16	8,019.90	0.00	0.00	TD @ (47' FSL, 1787' FWL) - PTB @ 13,967' MD

## Survey Report

<b>Company:</b>	Whiting Petroleum Corporation	<b>Local Co-ordinate Reference:</b>	Well HORSETAIL #07F-1806
<b>Project:</b>	Weld County, CO	<b>TVD Reference:</b>	21' KB @ 4920.00usft
<b>Site:</b>	S7-T10N-R57W	<b>MD Reference:</b>	21' KB @ 4920.00usft
<b>Well:</b>	HORSETAIL #07F-1806	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL	<b>Database:</b>	USA EDM 5000 Multi Users DB

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									
07F-1806 PBHL	0.00	0.00	5,828.00	-7,965.93	-319.78	1,550,426.30	3,471,194.78	40.831881	-103.797208
- actual wellpath misses target center by 15.37usft at 13910.56usft MD (5814.85 TVD, -7966.16 N, -311.82 E)									
- Point									
07F-1806 PBHL 4.1	0.00	0.00	5,820.00	-7,965.93	-319.78	1,550,426.30	3,471,194.78	40.831881	-103.797208
- actual wellpath misses target center by 9.48usft at 13910.48usft MD (5814.85 TVD, -7966.08 N, -311.82 E)									
- Point									

Design Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
6,147.00	5,782.27	-219.71	-443.73	BTM MARKER JOINT @ 6147' MD (111' FNL, 1745' FWL)
13,914.00	5,814.86	-7,969.60	-311.84	LAST CES SURVEY @ 13,914' MD
13,967.00	5,814.93	-8,022.60	-312.16	TD @ (47' FSL, 1787' FWL)
13,967.00	5,814.93	-8,022.60	-312.16	PTB @ 13,967' MD

Checked By: _____	Approved By: _____	Date: _____
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