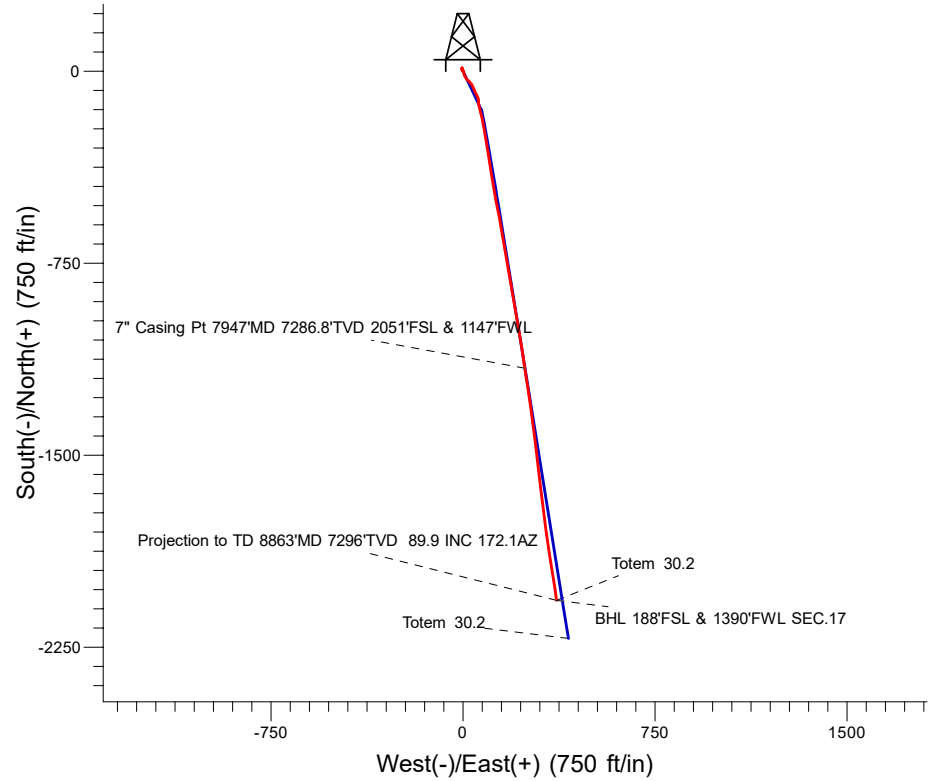
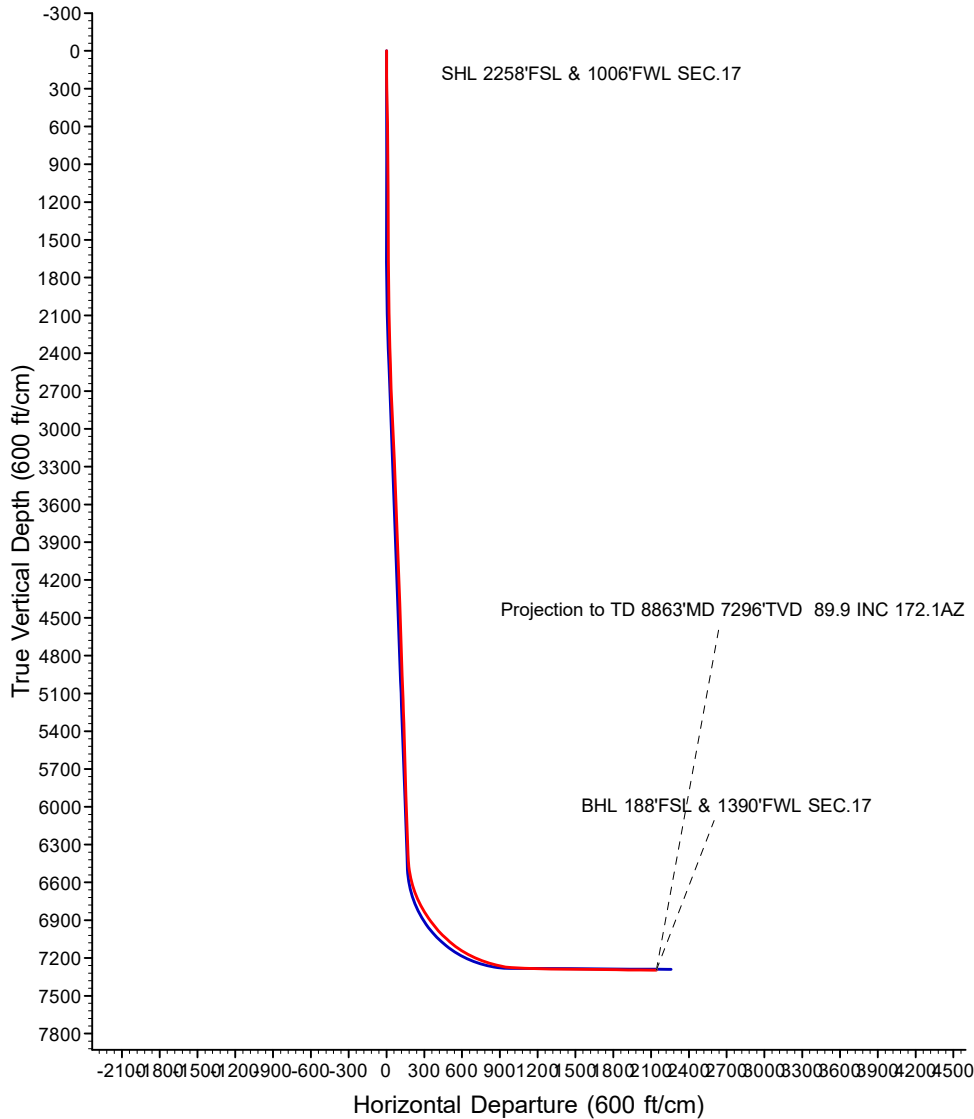


Colorado Interstate Gas

Well Name: Totem 30.2
 Surface Location: Totem SEC.17
 North American Datum 1983, US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 5199.40
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1199415.49 3321711.84 39.875064 -104.353727
 RKB - 20' Well @ 5219.40ft (RKB - 20')

Final Survey 0-8863'MD



LEGEND

- ▲ Totem 30.2, Totem, 30.2 Design #8 V0
- Survey #1

Projection to TD 8863'MD 7295.9'TVD 89.9 inc 172.1 AZ

BHL 188'FSL & 1390'FWL SEC.17

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
1.00	0.00	50.24	1.00	0.00	0.00	0.00	0.00	SHL 2258'FSL & 1006'FWL SEC.17
7947.00	88.06	171.37	7286.83	-1159.76	241.26	1184.05	1225.86	7" Casing Pt 7947'MD 7286.8'TVD 2051'FSL & 1147'FWL
8863.00	89.93	172.12	7295.99	-2067.15	365.29	2099.18	2141.78	Projection to TD 8863'MD 7296'TVD 89.9 INC 172.1AZ
8863.00	89.93	172.12	7295.99	-2067.15	365.29	2099.18	2141.78	BHL 188'FSL & 1390'FWL SEC.17

Colorado Interstate Gas

SEC.17-T2S-R62W

Totem SEC.17

Totem 30.2

Totem

Survey: Survey #1

Standard Survey Report

18 December, 2025

Survey Report

Company: Colorado Interstate Gas	Local Co-ordinate Reference: Well Totem 30.2
Project: SEC.17-T2S-R62W	TVD Reference: Well @ 5219.40ft (RKB - 20')
Site: Totem SEC.17	MD Reference: Well @ 5219.40ft (RKB - 20')
Well: Totem 30.2	North Reference: True
Wellbore: Totem	Survey Calculation Method: Minimum Curvature
Design: Totem	Database: US_EDM

Project SEC.17-T2S-R62W, Adams County, Colorado		
Map System: US State Plane 1983	System Datum: Mean Sea Level	
Geo Datum: North American Datum 1983		
Map Zone: Colorado Northern Zone	Using geodetic scale factor	

Site Totem SEC.17			
Site Position:	Northing: 1,199,367.71 usft	Latitude: 39.874950	
From: Lat/Long	Easting: 3,321,226.03 usft	Longitude: -104.355460	
Position Uncertainty: 0.00 ft	Slot Radius: 13-3/16 "		

Well Totem 30.2					
Well Position	+N/-S 0.00 ft	Northing: 1,199,415.49 usft	Latitude: 39.875064		
	+E/-W 0.00 ft	Easting: 3,321,711.84 usft	Longitude: -104.353727		
Position Uncertainty	0.00 ft	Wellhead Elevation: ft	Ground Level: 5,199.40 ft		
Grid Convergence:	0.74 °				

Wellbore Totem					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	06/05/2025	7.76	66.21	51,286.18755897

Design Totem					
Audit Notes:					
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00			
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	169.98	

Survey Program		Date 12/18/2025		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
103.00	8,863.00	Survey #1 (Totem)	MWD	MWD - Standard

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	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	
1.00	0.00	50.24	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL 2258'FSL & 1006'FWL SEC.17										
103.00	0.20	50.24	103.00	0.11	0.14	-0.09	0.20	0.20	0.00	
197.00	0.60	295.24	197.00	0.43	-0.18	-0.45	0.75	0.43	-122.34	
295.00	1.20	320.24	294.99	1.44	-1.30	-1.64	0.72	0.61	25.51	
385.00	1.10	313.24	384.97	2.75	-2.53	-3.15	0.19	-0.11	-7.78	
482.00	0.90	320.24	481.95	3.98	-3.70	-4.56	0.24	-0.21	7.22	
577.00	0.80	343.24	576.94	5.19	-4.37	-5.87	0.37	-0.11	24.21	
673.00	0.90	331.24	672.93	6.49	-4.92	-7.25	0.21	0.10	-12.50	

Survey Report

Company:	Colorado Interstate Gas	Local Co-ordinate Reference:	Well Totem 30.2
Project:	SEC.17-T2S-R62W	TVD Reference:	Well @ 5219.40ft (RKB - 20')
Site:	Totem SEC.17	MD Reference:	Well @ 5219.40ft (RKB - 20')
Well:	Totem SEC.2	North Reference:	True
Wellbore:	Totem	Survey Calculation Method:	Minimum Curvature
Design:	Totem	Database:	US_EDM

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
759.00	0.50	359.24	758.93	7.46	-5.25	-8.26	0.60	-0.47	32.56	
856.00	0.70	10.24	855.92	8.46	-5.15	-9.23	0.24	0.21	11.34	
951.00	0.50	15.24	950.92	9.43	-4.94	-10.15	0.22	-0.21	5.26	
1,048.00	0.40	17.24	1,047.91	10.16	-4.73	-10.83	0.10	-0.10	2.06	
1,240.00	0.50	52.24	1,239.91	11.32	-3.87	-11.82	0.15	0.05	18.23	
1,340.00	0.20	51.24	1,339.90	11.69	-3.39	-12.11	0.30	-0.30	-1.00	
1,433.00	0.30	55.24	1,432.90	11.93	-3.06	-12.29	0.11	0.11	4.30	
1,519.00	0.20	11.24	1,518.90	12.21	-2.85	-12.52	0.24	-0.12	-51.16	
1,617.00	0.20	317.24	1,616.90	12.50	-2.93	-12.82	0.19	0.00	-55.10	
1,713.00	0.30	305.24	1,712.90	12.77	-3.25	-13.14	0.12	0.10	-12.50	
1,809.00	0.30	283.24	1,808.90	12.97	-3.70	-13.42	0.12	0.00	-22.92	
1,902.00	0.30	314.24	1,901.90	13.20	-4.11	-13.71	0.17	0.00	33.33	
1,981.00	0.40	312.24	1,980.90	13.53	-4.46	-14.10	0.13	0.13	-2.53	
2,035.00	0.22	328.65	2,034.90	13.74	-4.66	-14.35	0.37	-0.33	30.39	
2,111.00	1.10	172.47	2,110.89	13.15	-4.64	-13.75	1.72	1.16	-205.50	
2,206.00	1.89	162.27	2,205.86	10.75	-4.04	-11.29	0.87	0.83	-10.74	
2,301.00	2.15	159.28	2,300.80	7.59	-2.93	-7.99	0.30	0.27	-3.15	
2,396.00	2.11	151.72	2,395.74	4.38	-1.47	-4.57	0.30	-0.04	-7.96	
2,492.00	1.85	152.25	2,491.68	1.46	0.09	-1.42	0.27	-0.27	0.55	
2,587.00	1.71	162.80	2,586.63	-1.25	1.22	1.45	0.37	-0.15	11.11	
2,682.00	1.36	164.82	2,681.60	-3.70	1.93	3.98	0.37	-0.37	2.13	
2,778.00	2.24	167.90	2,777.55	-6.63	2.62	6.99	0.92	0.92	3.21	
2,874.00	2.42	163.06	2,873.47	-10.40	3.61	10.87	0.28	0.19	-5.04	
2,968.00	2.55	159.99	2,967.38	-14.27	4.90	14.90	0.20	0.14	-3.27	
3,063.00	2.73	156.47	3,062.28	-18.33	6.53	19.18	0.25	0.19	-3.71	
3,156.00	2.68	151.29	3,155.18	-22.26	8.46	23.40	0.27	-0.05	-5.57	
3,252.00	2.73	148.12	3,251.07	-26.17	10.74	27.64	0.16	0.05	-3.30	
3,347.00	2.86	143.29	3,345.96	-30.00	13.35	31.86	0.28	0.14	-5.08	
3,442.00	3.08	138.80	3,440.83	-33.82	16.45	36.16	0.34	0.23	-4.73	
3,537.00	2.33	126.68	3,535.72	-36.89	19.68	39.75	0.99	-0.79	-12.76	
3,632.00	2.24	122.98	3,630.65	-39.05	22.79	42.42	0.18	-0.09	-3.89	
3,727.00	1.98	138.10	3,725.59	-41.29	25.44	45.08	0.64	-0.27	15.92	
3,823.00	1.98	142.50	3,821.53	-43.84	27.56	47.96	0.16	0.00	4.58	
3,918.00	2.15	138.37	3,916.47	-46.47	29.74	50.94	0.24	0.18	-4.35	
4,013.00	1.80	148.65	4,011.41	-49.08	31.70	53.84	0.52	-0.37	10.82	
4,108.00	1.80	152.87	4,106.36	-51.68	33.16	56.66	0.14	0.00	4.44	
4,202.00	1.85	148.21	4,200.32	-54.28	34.63	59.48	0.17	0.05	-4.96	
4,296.00	2.02	145.31	4,294.26	-56.93	36.37	62.39	0.21	0.18	-3.09	
4,391.00	1.76	162.80	4,389.21	-59.70	37.76	65.36	0.66	-0.27	18.41	
4,486.00	1.76	160.16	4,484.17	-62.47	38.68	68.25	0.09	0.00	-2.78	
4,582.00	1.85	156.82	4,580.12	-65.28	39.79	71.21	0.14	0.09	-3.48	
4,677.00	2.07	151.46	4,675.06	-68.20	41.22	74.33	0.30	0.23	-5.64	
4,771.00	2.20	147.68	4,769.00	-71.21	42.99	77.61	0.20	0.14	-4.02	

Survey Report

Company:	Colorado Interstate Gas	Local Co-ordinate Reference:	Well Totem 30.2
Project:	SEC.17-T2S-R62W	TVD Reference:	Well @ 5219.40ft (RKB - 20')
Site:	Totem SEC.17	MD Reference:	Well @ 5219.40ft (RKB - 20')
Well:	Totem 30.2	North Reference:	True
Wellbore:	Totem	Survey Calculation Method:	Minimum Curvature
Design:	Totem	Database:	US_EDM

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,866.00	2.11	166.40	4,863.93	-74.46	44.38	81.04	0.74	-0.09	19.71	
4,961.00	2.02	164.73	4,958.87	-77.77	45.23	84.45	0.11	-0.09	-1.76	
5,055.00	1.89	151.72	5,052.82	-80.73	46.40	87.58	0.49	-0.14	-13.84	
5,150.00	1.85	151.72	5,147.77	-83.46	47.87	90.52	0.04	-0.04	0.00	
5,246.00	1.85	150.32	5,243.72	-86.17	49.37	93.45	0.05	0.00	-1.46	
5,341.00	1.85	152.78	5,338.67	-88.87	50.83	96.36	0.08	0.00	2.59	
5,436.00	1.80	152.96	5,433.62	-91.56	52.21	99.25	0.05	-0.05	0.19	
5,530.00	1.76	157.00	5,527.57	-94.21	53.45	102.07	0.14	-0.04	4.30	
5,625.00	1.85	157.53	5,622.53	-96.97	54.60	104.99	0.10	0.09	0.56	
5,720.00	1.71	151.29	5,717.48	-99.63	55.87	107.83	0.25	-0.15	-6.57	
5,815.00	1.63	152.52	5,812.44	-102.07	57.18	110.46	0.09	-0.08	1.29	
5,910.00	1.67	160.16	5,907.40	-104.57	58.27	113.11	0.24	0.04	8.04	
6,005.00	1.54	167.90	6,002.36	-107.12	59.01	115.75	0.27	-0.14	8.15	
6,099.00	2.11	169.65	6,096.31	-110.06	59.58	118.75	0.61	0.61	1.86	
6,194.00	2.24	171.32	6,191.25	-113.61	60.18	122.35	0.15	0.14	1.76	
6,289.00	2.37	179.23	6,286.17	-117.41	60.48	126.15	0.36	0.14	8.33	
6,384.00	2.20	185.12	6,381.09	-121.19	60.35	129.84	0.30	-0.18	6.20	
6,430.00	2.95	180.38	6,427.05	-123.26	60.26	131.86	1.69	1.63	-10.30	
6,479.00	6.42	167.98	6,475.88	-127.20	60.82	135.84	7.34	7.08	-25.31	
6,525.00	9.49	168.34	6,521.43	-133.43	62.12	142.20	6.67	6.67	0.78	
6,574.00	13.27	167.81	6,569.46	-142.88	64.13	151.86	7.72	7.71	-1.08	
6,620.00	16.13	167.28	6,613.95	-154.28	66.65	163.52	6.22	6.22	-1.15	
6,669.00	19.03	166.58	6,660.65	-168.69	70.01	178.30	5.93	5.92	-1.43	
6,715.00	20.62	166.67	6,703.93	-183.87	73.61	193.87	3.46	3.46	0.20	
6,764.00	24.88	165.96	6,749.10	-202.27	78.11	212.78	8.71	8.69	-1.45	
6,810.00	29.45	169.13	6,790.02	-222.78	82.59	233.75	10.42	9.93	6.89	
6,859.00	31.52	172.29	6,832.25	-247.31	86.58	258.60	5.34	4.22	6.45	
6,905.00	33.23	172.47	6,871.10	-271.72	89.84	283.21	3.72	3.72	0.39	
6,954.00	36.04	172.03	6,911.41	-299.31	93.60	311.03	5.76	5.73	-0.90	
7,000.00	38.73	170.27	6,947.96	-326.90	97.91	338.95	6.29	5.85	-3.83	
7,049.00	41.98	170.53	6,985.29	-358.18	103.20	370.67	6.64	6.63	0.53	
7,095.00	46.37	170.53	7,018.28	-389.79	108.47	402.72	9.54	9.54	0.00	
7,144.00	47.82	169.65	7,051.63	-425.14	114.65	438.61	3.24	2.96	-1.80	
7,190.00	49.45	169.83	7,082.03	-459.12	120.80	473.13	3.56	3.54	0.39	
7,239.00	52.97	169.22	7,112.72	-496.66	127.75	511.32	7.25	7.18	-1.24	
7,285.00	57.58	169.30	7,138.92	-533.80	134.79	549.11	10.02	10.02	0.17	
7,334.00	61.63	170.36	7,163.71	-575.39	142.24	591.37	8.47	8.27	2.16	
7,380.00	64.09	170.62	7,184.69	-615.76	149.01	632.30	5.37	5.35	0.57	
7,429.00	66.20	170.71	7,205.28	-659.63	156.22	676.75	4.31	4.31	0.18	
7,476.00	69.71	170.27	7,222.92	-702.59	163.42	720.31	7.52	7.47	-0.94	
7,524.00	72.00	169.39	7,238.66	-747.22	171.42	765.65	5.08	4.77	-1.83	
7,571.00	74.55	169.65	7,252.19	-791.48	179.61	810.66	5.45	5.43	0.55	
7,619.00	78.20	169.92	7,263.49	-837.38	187.88	857.30	7.62	7.60	0.56	

Survey Report

Company:	Colorado Interstate Gas	Local Co-ordinate Reference:	Well Totem 30.2
Project:	SEC.17-T2S-R62W	TVD Reference:	Well @ 5219.40ft (RKB - 20')
Site:	Totem SEC.17	MD Reference:	Well @ 5219.40ft (RKB - 20')
Well:	Totem 30.2	North Reference:	True
Wellbore:	Totem	Survey Calculation Method:	Minimum Curvature
Design:	Totem	Database:	US_EDM

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,666.00	81.54	170.09	7,271.76	-882.94	195.91	903.56	7.12	7.11	0.36	
7,714.00	87.74	170.62	7,276.24	-930.03	203.91	951.32	12.96	12.92	1.10	
7,751.00	88.05	170.76	7,277.60	-966.52	209.89	988.30	0.91	0.83	0.38	
7" Intermediate Casing										
7,761.00	88.13	170.80	7,277.93	-976.38	211.49	998.29	0.91	0.83	0.38	
7,809.00	86.59	170.18	7,280.15	-1,023.67	219.42	1,046.23	3.46	-3.21	-1.29	
7,886.00	87.21	171.06	7,284.31	-1,099.53	231.95	1,123.12	1.40	0.81	1.14	
7,947.00	88.06	171.37	7,286.83	-1,159.76	241.26	1,184.05	1.48	1.40	0.50	
7" Casing Pt 7947'MD 7286.8'TVD 2051'FSL & 1147'FWL										
7,974.00	88.44	171.50	7,287.65	-1,186.45	245.28	1,211.03	1.48	1.40	0.50	
8,070.00	89.98	171.50	7,288.97	-1,281.38	259.47	1,306.98	1.60	1.60	0.00	
8,165.00	89.49	172.73	7,289.41	-1,375.48	272.50	1,401.91	1.39	-0.52	1.29	
8,259.00	89.76	172.99	7,290.03	-1,468.75	284.18	1,495.79	0.40	0.29	0.28	
8,355.00	89.63	173.35	7,290.54	-1,564.07	295.60	1,591.64	0.40	-0.14	0.38	
8,450.00	88.88	173.08	7,291.77	-1,658.39	306.82	1,686.48	0.84	-0.79	-0.28	
8,545.00	89.10	173.08	7,293.45	-1,752.68	318.26	1,781.33	0.23	0.23	0.00	
8,640.00	89.49	171.41	7,294.62	-1,846.81	331.08	1,876.24	1.81	0.41	-1.76	
8,736.00	89.49	170.27	7,295.47	-1,941.58	346.36	1,972.23	1.19	0.00	-1.19	
8,831.00	89.93	172.12	7,295.95	-2,035.45	360.90	2,067.20	2.00	0.46	1.95	
8,863.00	89.93	172.12	7,295.99	-2,067.15	365.29	2,099.18	0.00	0.00	0.00	
Projection to TD 8863'MD 7296'TVD 89.9 INC 172.1AZ - BHL 188'FSL & 1390'FWL SEC.17										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,751.00	7,277.60	7" Intermediate Casing	7	7	

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
1.00	1.00	0.00	0.00	SHL 2258'FSL & 1006'FWL SEC.17	
7,947.00	7,286.83	-1,159.76	241.26	7" Casing Pt 7947'MD 7286.8'TVD 2051'FSL & 1147'FWL	
8,863.00	7,295.99	-2,067.15	365.29	Projection to TD 8863'MD 7296'TVD 89.9 INC 172.1AZ	
8,863.00	7,295.99	-2,067.15	365.29	BHL 188'FSL & 1390'FWL SEC.17	

Checked By: _____ Approved By: _____ Date: _____