



End of Well Report

Prepared for



Dixon B14

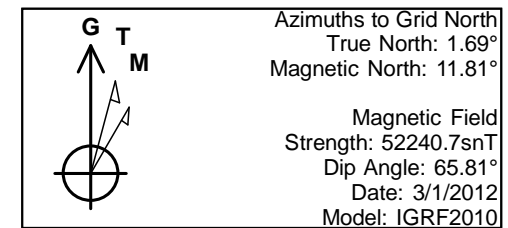
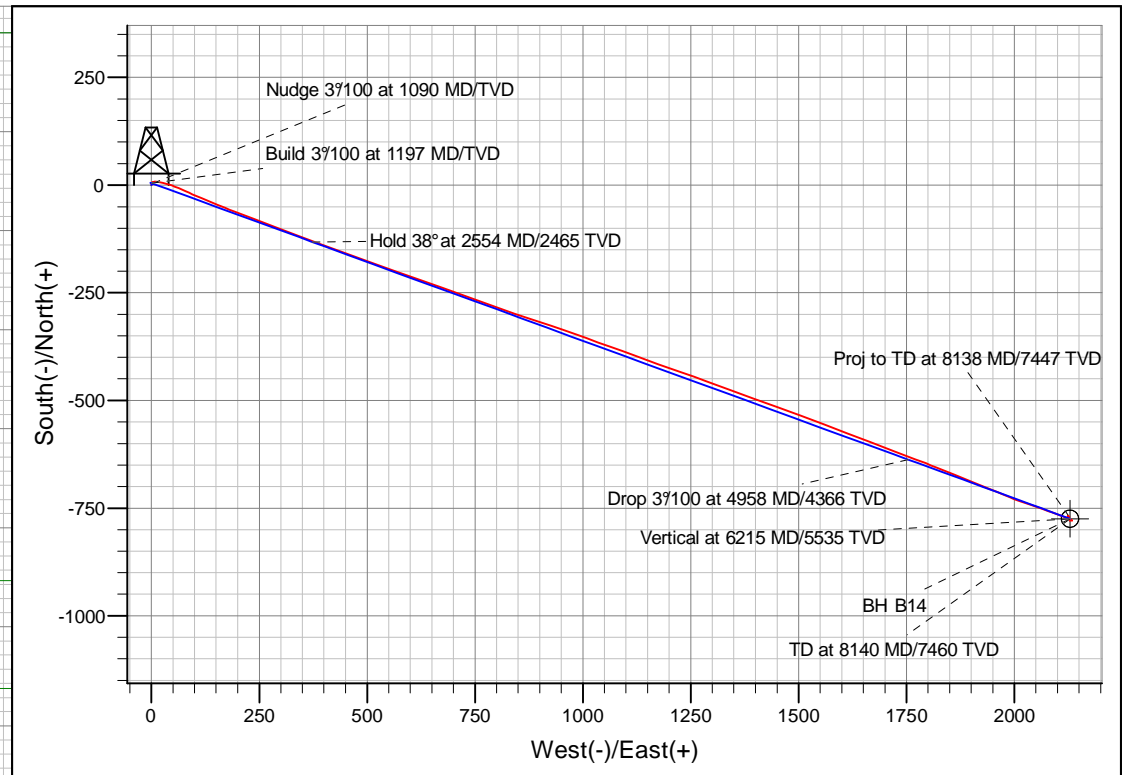
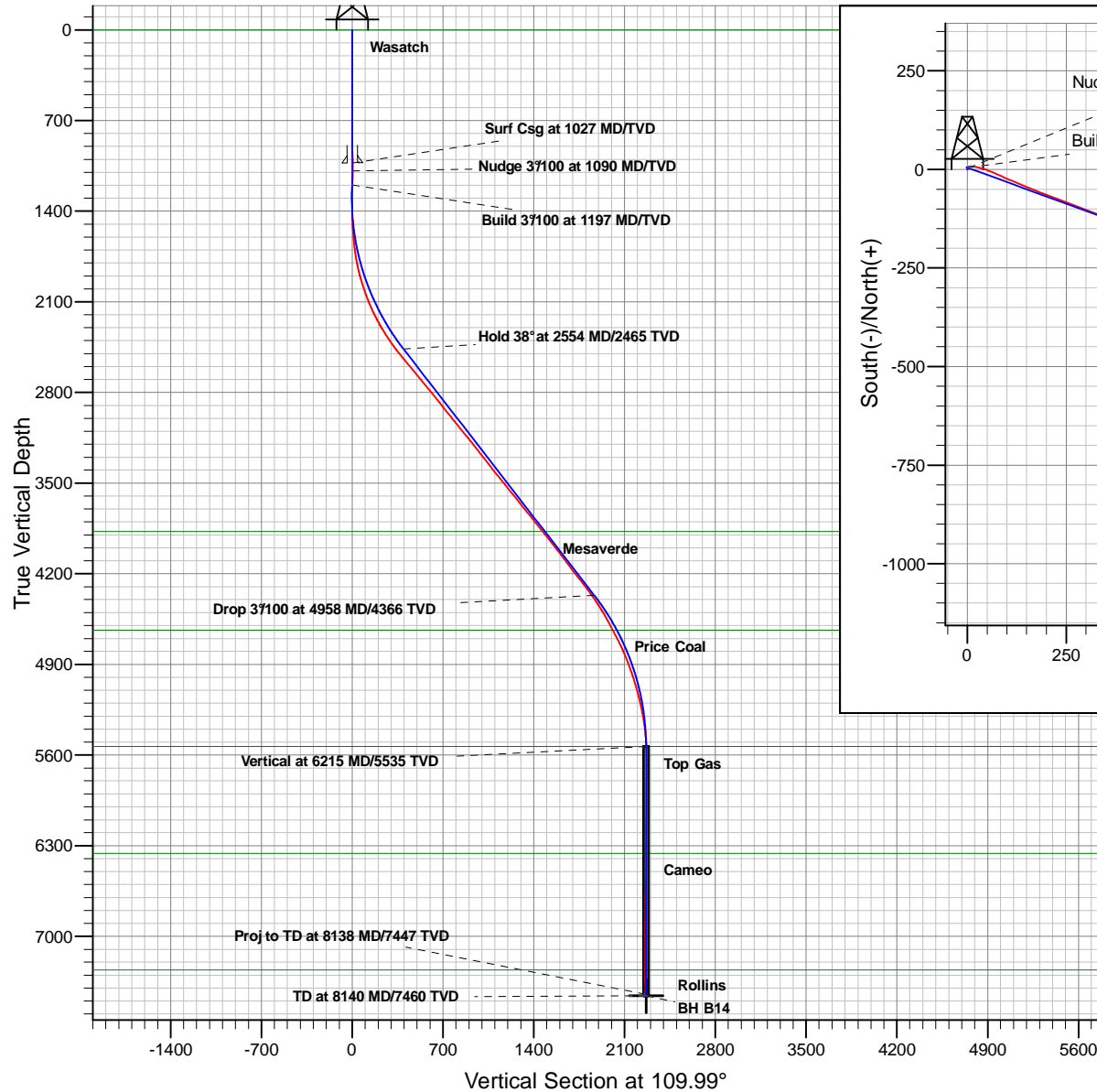
February 23, 2012

ARK Directional Services Inc
191 University Blvd, # 601
Denver, CO 80206



Antero Resources

Dixon B Antero Dixon B14 (111313) Planned Vs. Actual



REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well Antero Dixon B14 (111313) - Slot B14, Grid North
Vertical (TVD) Reference: KB @ 5544.00ft
Section (VS) Reference: Slot - B14(0.00N, 0.00E)
Measured Depth Reference: KB @ 5544.00ft
Calculation Method: Minimum Curvature

PROJECT DETAILS: Dixon
Geodetic System: Universal Transverse Mercator
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Zone 13N (108 W to 102 W)
System Datum: Mean Sea Level

Plan: Dixon B14 P03
Created By: ARK Directional Services Inc.
Date: 10:21, February 19 2012

Antero Resources

Dixon

Dixon B

Antero Dixon B14 (111313) - Slot B14

Dixon B14

Survey: B14

Survey Report - Geographic

23 February, 2012

ARK Directional Services

Survey Report - Geographic

Company:	Antero Resources	Local Co-ordinate Reference:	Well Antero Dixon B14 (111313) - Slot B14
Project:	Dixon	TVD Reference:	KB @ 5544.00ft
Site:	Dixon B	MD Reference:	KB @ 5544.00ft
Well:	Antero Dixon B14 (111313)	North Reference:	Grid
Wellbore:	Dixon B14	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B14	Database:	EDM5000

Project	Dixon		
Map System:	Universal Transverse Mercator	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		

Site	Dixon B		
Site Position:		Northing:	14,364,517.56 usft
From:	Lat/Long	Easting:	890,418.04 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in
		Latitude:	39.524071000°N
		Longitude:	107.659523000°W
		Grid Convergence:	-1.69 °

Well	Antero Dixon B14 (111313) - Slot B14		
Well Position	+N/-S	0.00 ft	Northing: 14,364,538.92 usft
	+E/-W	0.00 ft	Easting: 890,340.88 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	39.524123346°N
		Longitude:	107.659798552°W
		Ground Level:	5,520.00 ft

Wellbore	Dixon B14		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	03/01/12	10.11
			Dip Angle (°)
			65.81
			Field Strength (nT)
			52,241

Design	Dixon B14		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.00	0.00	0.00
			Direction (°)
			109.99

Survey Program	Date	02/19/12		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	910.00	B14 Surf Gyro (Dixon B14)	NS-GYRO-MS	North sensing gyrocompassing m/s
1,000.00	8,138.00	B14 (Dixon B14)	MWD	MWD - Standard

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
910.00	0.21	115.29	909.98	3.86	2.39	14,364,542.78	890,343.28	39.524134122°N	107.659790482°W	
1,000.00	0.21	115.29	999.98	3.72	2.69	14,364,542.63	890,343.57	39.524133759°N	107.659789411°W	
1,027.30	0.21	115.29	1,027.28	3.67	2.78	14,364,542.59	890,343.66	39.524133649°N	107.659789086°W	
1,061.00	0.79	110.60	1,060.98	3.57	3.05	14,364,542.48	890,343.94	39.524133375°N	107.659788107°W	
1,156.00	1.10	268.32	1,155.98	3.31	2.76	14,364,542.23	890,343.64	39.524132645°N	107.659789137°W	
1,250.00	0.79	320.70	1,249.97	3.78	1.44	14,364,542.70	890,342.33	39.524133842°N	107.659793836°W	
1,345.00	0.79	357.31	1,344.96	4.94	1.00	14,364,543.86	890,341.88	39.524136991°N	107.659795536°W	
1,439.00	2.42	57.03	1,438.92	6.67	2.63	14,364,545.59	890,343.52	39.524141863°N	107.659789926°W	
1,534.00	4.00	85.42	1,533.78	8.03	7.62	14,364,546.95	890,348.50	39.524145988°N	107.659772405°W	
1,628.00	5.80	95.79	1,627.43	7.81	15.61	14,364,546.73	890,356.50	39.524146040°N	107.659744062°W	
1,723.00	7.91	104.49	1,721.75	5.69	26.72	14,364,544.61	890,367.60	39.524141124°N	107.659704497°W	

ARK Directional Services

Survey Report - Geographic

Company:	Antero Resources	Local Co-ordinate Reference:	Well Antero Dixon B14 (111313) - Slot B14
Project:	Dixon	TVD Reference:	KB @ 5544.00ft
Site:	Dixon B	MD Reference:	KB @ 5544.00ft
Well:	Antero Dixon B14 (111313)	North Reference:	Grid
Wellbore:	Dixon B14	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B14	Database:	EDM5000

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,817.00	11.69	108.93	1,814.36	0.98	41.99	14,364,539.90	890,382.88	39.524129443°N	107.659649890°W
1,912.00	15.69	112.39	1,906.65	-7.04	62.98	14,364,531.88	890,403.87	39.524109146°N	107.659574695°W
2,006.00	18.19	114.42	1,996.56	-17.95	88.10	14,364,520.97	890,428.98	39.524081255°N	107.659484581°W
2,100.00	21.49	112.80	2,084.97	-30.69	117.34	14,364,508.23	890,458.22	39.524048671°N	107.659379665°W
2,195.00	25.18	112.71	2,172.18	-45.24	152.04	14,364,493.68	890,492.92	39.524011566°N	107.659255232°W
2,289.00	28.52	110.60	2,256.04	-60.86	191.50	14,364,478.06	890,532.38	39.523971912°N	107.659113796°W
2,384.00	31.99	110.82	2,338.09	-77.79	236.27	14,364,461.13	890,577.15	39.523929098°N	107.658953449°W
2,478.00	35.11	110.91	2,416.42	-96.29	284.80	14,364,442.63	890,625.69	39.523882273°N	107.658779573°W
2,573.00	38.01	110.99	2,492.72	-116.52	337.64	14,364,422.40	890,678.53	39.523831051°N	107.658590268°W
2,667.00	40.08	110.29	2,565.72	-137.39	393.06	14,364,401.53	890,733.94	39.523778305°N	107.658391792°W
2,762.00	39.68	109.59	2,638.62	-158.16	450.31	14,364,380.76	890,791.20	39.523725953°N	107.658186780°W
2,857.00	39.20	110.42	2,711.99	-178.80	507.02	14,364,360.11	890,847.91	39.523673915°N	107.657983733°W
2,951.00	39.42	109.19	2,784.72	-198.98	563.05	14,364,339.94	890,903.93	39.523623108°N	107.657783152°W
3,046.00	38.98	109.50	2,858.34	-218.87	619.70	14,364,320.05	890,960.59	39.523573135°N	107.657580383°W
3,140.00	38.32	109.59	2,931.75	-238.51	675.03	14,364,300.41	891,015.91	39.523523736°N	107.657382340°W
3,235.00	38.50	110.12	3,006.19	-258.55	730.54	14,364,280.36	891,071.42	39.523473237°N	107.657183593°W
3,329.00	39.20	109.59	3,079.40	-278.58	786.00	14,364,260.34	891,126.88	39.523422795°N	107.656985037°W
3,423.00	38.98	109.10	3,152.36	-298.21	841.92	14,364,240.71	891,182.81	39.523373460°N	107.656784878°W
3,518.00	38.41	108.01	3,226.50	-317.12	898.23	14,364,221.80	891,239.11	39.523326164°N	107.656583458°W
3,612.00	37.79	109.41	3,300.48	-335.72	953.16	14,364,203.20	891,294.04	39.523279587°N	107.656386912°W
3,707.00	38.19	110.29	3,375.35	-355.57	1,008.16	14,364,183.35	891,349.04	39.523229565°N	107.656190008°W
3,801.00	38.58	108.80	3,449.03	-375.09	1,063.16	14,364,163.82	891,404.04	39.523180460°N	107.655993123°W
3,896.00	39.20	110.82	3,522.98	-395.31	1,119.27	14,364,143.61	891,460.15	39.523129538°N	107.655792263°W
3,990.00	38.58	109.90	3,596.14	-415.85	1,174.59	14,364,123.07	891,515.47	39.523077681°N	107.655594128°W
4,085.00	38.50	109.19	3,670.45	-435.65	1,230.37	14,364,103.27	891,571.25	39.523027872°N	107.655394465°W
4,179.00	39.42	110.42	3,743.54	-455.68	1,285.98	14,364,083.24	891,626.86	39.522977420°N	107.655195398°W
4,273.00	37.71	109.81	3,817.04	-475.84	1,341.00	14,364,063.08	891,681.88	39.522926574°N	107.654998385°W
4,368.00	39.29	110.29	3,891.39	-496.12	1,396.55	14,364,042.80	891,737.43	39.522875438°N	107.654799481°W
4,461.00	37.62	109.72	3,964.21	-515.91	1,450.89	14,364,023.01	891,791.77	39.522825544°N	107.654604909°W
4,556.00	38.32	110.51	4,039.10	-536.01	1,505.77	14,364,002.91	891,846.65	39.522774834°N	107.654408397°W
4,650.00	37.00	110.29	4,113.52	-556.03	1,559.60	14,363,982.89	891,900.48	39.522724266°N	107.654215626°W
4,745.00	37.00	111.13	4,189.39	-576.25	1,613.08	14,363,962.67	891,953.96	39.522673127°N	107.654024077°W
4,839.00	38.01	110.82	4,263.96	-596.73	1,666.51	14,363,942.19	892,007.39	39.522621254°N	107.653832639°W
4,934.00	35.90	111.52	4,339.87	-617.35	1,719.77	14,363,921.57	892,060.65	39.522569005°N	107.653641825°W
5,028.00	34.50	110.42	4,416.68	-636.75	1,770.36	14,363,902.17	892,111.24	39.522519878°N	107.653460591°W
5,123.00	30.98	111.61	4,496.57	-655.14	1,818.32	14,363,883.78	892,159.20	39.522473286°N	107.653288773°W
5,217.00	28.08	111.92	4,578.35	-672.32	1,861.35	14,363,866.60	892,202.23	39.522429655°N	107.653134568°W
5,312.00	27.51	112.23	4,662.39	-688.96	1,902.40	14,363,849.96	892,243.28	39.522387305°N	107.652987407°W
5,406.00	26.02	112.09	4,746.32	-704.93	1,941.60	14,363,833.99	892,282.48	39.522346669°N	107.652846668°W
5,501.00	22.41	113.41	4,832.95	-719.97	1,977.54	14,363,818.95	892,318.42	39.522308325°N	107.652717991°W
5,595.00	20.08	109.72	4,920.56	-732.53	2,009.18	14,363,806.39	892,350.06	39.522276410°N	107.652604602°W
5,690.00	17.49	109.02	5,010.49	-742.69	2,038.03	14,363,796.23	892,378.91	39.522250878°N	107.652501333°W
5,784.00	15.82	108.49	5,100.54	-751.36	2,063.54	14,363,787.56	892,404.42	39.522229162°N	107.652410070°W
5,878.00	12.92	111.21	5,191.59	-759.23	2,085.49	14,363,779.69	892,426.37	39.522209355°N	107.652331482°W
5,973.00	10.50	109.59	5,284.61	-765.97	2,103.55	14,363,772.95	892,444.43	39.522192309°N	107.652266806°W
6,067.00	8.22	110.12	5,377.35	-771.16	2,117.93	14,363,767.76	892,458.81	39.522179250°N	107.652215322°W
6,162.00	4.70	114.99	5,471.73	-775.14	2,127.84	14,363,763.78	892,468.72	39.522169127°N	107.652179809°W
6,256.00	2.20	134.33	5,565.56	-778.03	2,132.62	14,363,760.89	892,473.50	39.522161590°N	107.652162568°W
6,351.00	0.31	192.29	5,660.53	-779.55	2,133.87	14,363,759.37	892,474.75	39.522157506°N	107.652157981°W
6,445.00	0.79	313.63	5,754.53	-779.35	2,133.35	14,363,759.57	892,474.23	39.522158009°N	107.652159855°W
6,540.00	0.62	284.80	5,849.52	-778.77	2,132.38	14,363,760.15	892,473.26	39.522159530°N	107.652163356°W
6,634.00	0.70	322.20	5,943.52	-778.19	2,131.53	14,363,760.73	892,472.41	39.522161063°N	107.652166405°W
6,729.00	0.79	252.89	6,038.51	-777.92	2,130.55	14,363,761.00	892,471.43	39.522161713°N	107.652169910°W
6,824.00	1.10	220.02	6,133.50	-778.81	2,129.34	14,363,760.11	892,470.22	39.522159171°N	107.652174112°W
6,918.00	0.31	287.83	6,227.49	-779.42	2,128.52	14,363,759.50	892,469.40	39.522157422°N	107.652176960°W

ARK Directional Services

Survey Report - Geographic

Company:	Antero Resources	Local Co-ordinate Reference:	Well Antero Dixon B14 (111313) - Slot B14
Project:	Dixon	TVD Reference:	KB @ 5544.00ft
Site:	Dixon B	MD Reference:	KB @ 5544.00ft
Well:	Antero Dixon B14 (111313)	North Reference:	Grid
Wellbore:	Dixon B14	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B14	Database:	EDM5000

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
7,009.00	0.40	338.32	6,318.49	-779.05	2,128.17	14,363,759.87	892,469.05	39.522158410°N	107.652178245°W
7,104.00	0.48	1.22	6,413.49	-778.35	2,128.05	14,363,760.57	892,468.93	39.522160338°N	107.652178723°W
7,198.00	1.19	354.10	6,507.48	-776.98	2,127.96	14,363,761.94	892,468.84	39.522164074°N	107.652179191°W
7,293.00	0.88	350.89	6,602.46	-775.28	2,127.74	14,363,763.64	892,468.62	39.522168725°N	107.652180137°W
7,387.00	0.79	298.82	6,696.45	-774.26	2,127.06	14,363,764.66	892,467.94	39.522171482°N	107.652182660°W
7,482.00	1.10	344.83	6,791.44	-773.06	2,126.25	14,363,765.86	892,467.13	39.522174697°N	107.652185663°W
7,544.00	1.19	335.99	6,853.43	-771.90	2,125.83	14,363,767.02	892,466.71	39.522177853°N	107.652187264°W
7,607.00	1.10	331.29	6,916.42	-770.77	2,125.27	14,363,768.15	892,466.15	39.522180902°N	107.652189354°W
7,671.00	1.10	332.83	6,980.40	-769.68	2,124.70	14,363,769.24	892,465.58	39.522183833°N	107.652191506°W
7,733.00	0.70	319.30	7,042.40	-768.87	2,124.18	14,363,770.05	892,465.06	39.522186032°N	107.652193429°W
7,796.00	0.22	292.40	7,105.40	-768.53	2,123.82	14,363,770.39	892,464.70	39.522186929°N	107.652194749°W
7,859.00	0.48	193.70	7,168.39	-768.74	2,123.64	14,363,770.18	892,464.52	39.522186338°N	107.652195345°W
7,922.00	0.70	117.19	7,231.39	-769.17	2,123.92	14,363,769.75	892,464.80	39.522185175°N	107.652194308°W
7,985.00	0.70	111.61	7,294.39	-769.49	2,124.62	14,363,769.43	892,465.50	39.522184360°N	107.652191795°W
8,048.00	1.10	110.42	7,357.38	-769.84	2,125.55	14,363,769.08	892,466.43	39.522183467°N	107.652188484°W
8,093.00	1.32	105.81	7,402.37	-770.13	2,126.45	14,363,768.79	892,467.33	39.522182739°N	107.652185252°W
8,138.00	1.32	105.81	7,447.36	-770.42	2,127.45	14,363,768.50	892,468.33	39.522182045°N	107.652181690°W
Proj to TD at 8138 MD/7447 TVD - BH B14									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,138.00	7,447.36	-770.42	2,127.45	Proj to TD at 8138 MD/7447 TVD

Checked By: _____ Approved By: _____ Date: _____