



End of Well Report

Prepared for



Dixon B11

August 25, 2011

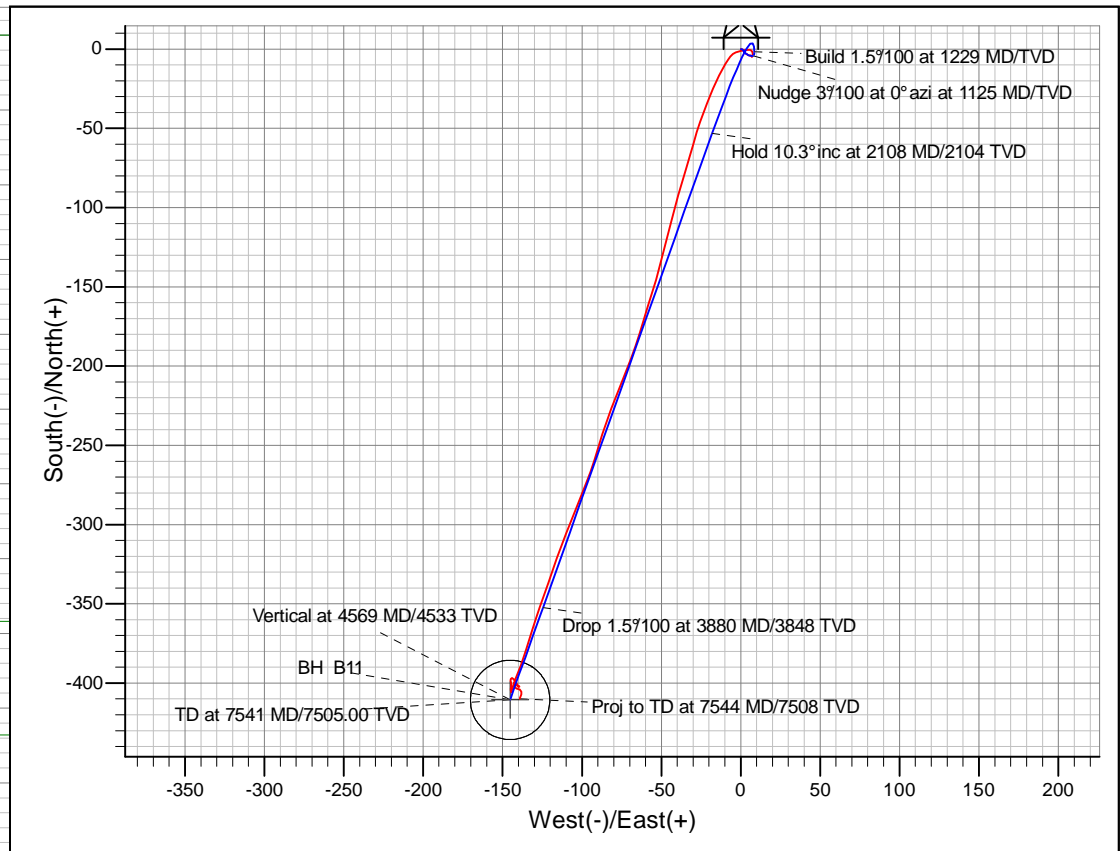
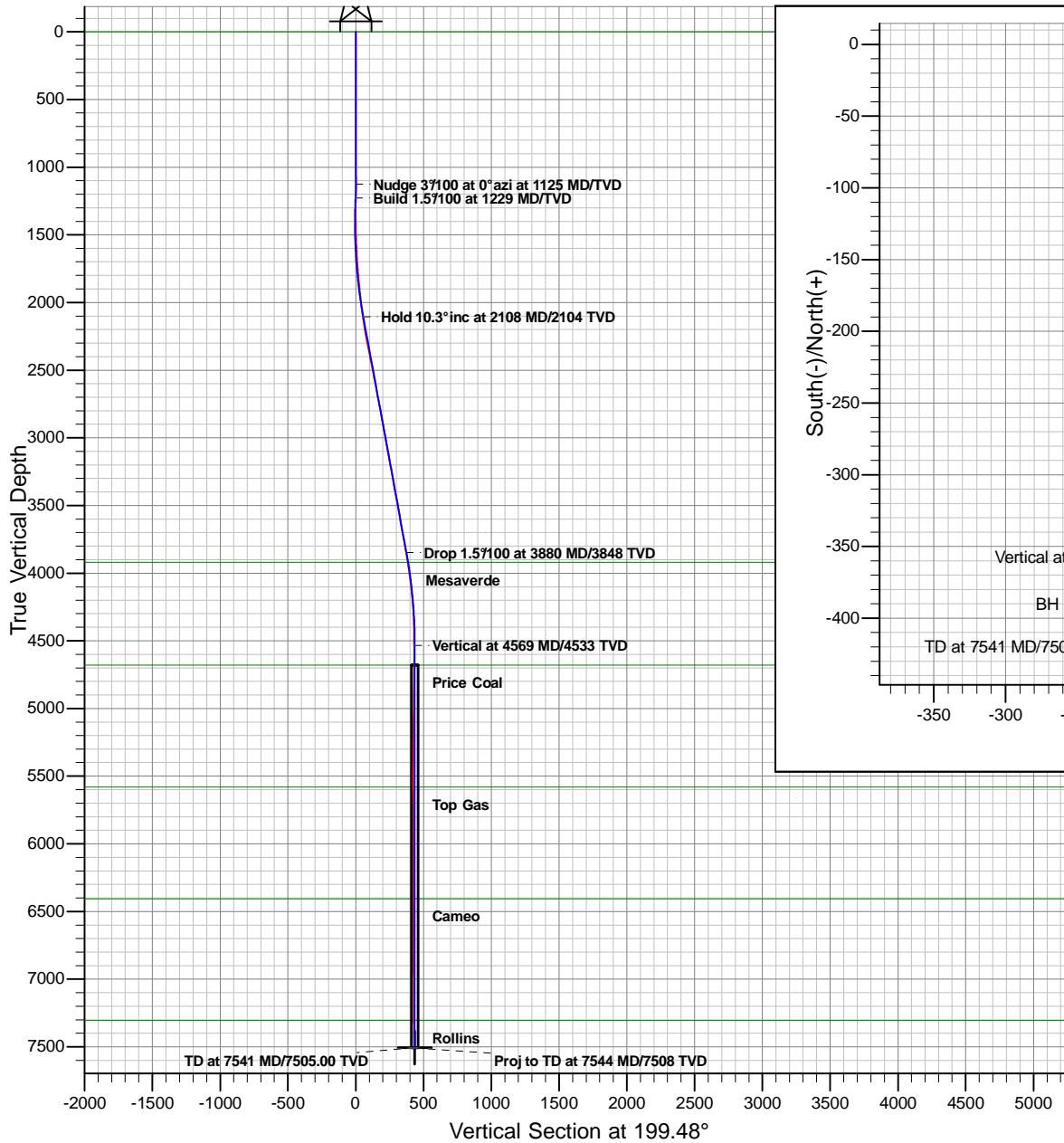
ARK Directional Services Inc
191 University Blvd, # 601
Denver, CO 80206



Antero Resources

Dixon B

Antero Dixon B11 (111310)
Planned Vs. Actual



Magnetic Field Details	
Total Correction to Grid N: +11.93°	
	Model: IGRF2010
	Date: 20-Mar-11
	Grid Conv: -1.69
	Mag. Dec: 10.24°
	Field Strength: 52337
	Dip: 65.83°

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

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well Antero Dixon B11 (111310) - Slot B11, Grid North
Vertical (TVD) Reference: KB @ 5544.00ft
Section (VS) Reference: Slot - B11(0.00N, 0.00E)
Measured Depth Reference: KB @ 5544.00ft
Calculation Method: Minimum Curvature

Plan: Dixon B11 P02
Created By: ARK Directional Services Inc.
Date: 8:19, August 24 2011

Antero Resources

Dixon

Dixon B

Antero Dixon B11 (111310) - Slot B11

Dixon B11

Survey: B11

Survey Report - Geographic

25 August, 2011

ARK Directional Services

Survey Report - Geographic

Company: Antero Resources	Local Co-ordinate Reference: Well Antero Dixon B11 (111310) - Slot B11
Project: Dixon	TVD Reference: KB @ 5544.00ft
Site: Dixon B	MD Reference: KB @ 5544.00ft
Well: Antero Dixon B11 (111310)	North Reference: Grid
Wellbore: Dixon B11	Survey Calculation Method: Minimum Curvature
Design: Dixon B11	Database: EDM SERVER DB

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

Well Antero Dixon B11 (111310) - Slot B11			
Well Position	+N/-S 0.00 ft	Northing: 14,364,528.31 usft	Latitude: 39.524097360°N
	+E/-W 0.00 ft	Easting: 890,379.45 usft	Longitude: 107.659660822°W
Position Uncertainty	0.00 ft	Wellhead Elevation: ft	Ground Level: 5,520.00 ft

Wellbore Dixon B11					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	2011/03/20	(°)	(°)	(nT)
			10.24	65.83	52,337

Design Dixon B11					
Audit Notes:					
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00			
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	198.75	

Survey Program		Date 2011/08/24		
From	To	Survey (Wellbore)	Tool Name	Description
100.00	960.00	B11 Surface (Dixon B11)	NS-GYRO-MS	North sensing gyrocompassing m/s
1,080.10	7,544.00	B11 (Dixon B11)	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	
960.00	0.63	95.20	959.97	-4.10	6.19	14,364,524.20	890,385.64	39.524086604°N	107.659638469°W	
1,080.10	0.48	169.91	1,080.06	-4.66	6.93	14,364,523.65	890,386.38	39.524085141°N	107.659635770°W	
1,091.00	0.48	144.03	1,090.96	-4.74	6.97	14,364,523.57	890,386.42	39.524084920°N	107.659635638°W	
1,122.00	0.31	174.53	1,121.96	-4.93	7.05	14,364,523.38	890,386.50	39.524084409°N	107.659635320°W	
1,154.00	0.40	43.22	1,153.96	-4.93	7.14	14,364,523.37	890,386.59	39.524084403°N	107.659635019°W	
1,185.00	1.01	8.41	1,184.96	-4.58	7.25	14,364,523.72	890,386.70	39.524085370°N	107.659634651°W	
1,217.00	1.89	12.41	1,216.95	-3.79	7.41	14,364,524.52	890,386.86	39.524087562°N	107.659634187°W	
1,248.00	2.29	352.73	1,247.93	-2.68	7.44	14,364,525.63	890,386.89	39.524090620°N	107.659634192°W	
1,280.00	1.89	339.72	1,279.91	-1.55	7.17	14,364,526.76	890,386.62	39.524093696°N	107.659635245°W	
1,311.00	1.80	301.62	1,310.89	-0.81	6.58	14,364,527.49	890,386.03	39.524095664°N	107.659637418°W	
1,343.00	1.89	279.64	1,342.87	-0.46	5.63	14,364,527.85	890,385.08	39.524096552°N	107.659640814°W	

ARK Directional Services

Survey Report - Geographic

Company:	Antero Resources	Local Co-ordinate Reference:	Well Antero Dixon B11 (111310) - Slot B11
Project:	Dixon	TVD Reference:	KB @ 5544.00ft
Site:	Dixon B	MD Reference:	KB @ 5544.00ft
Well:	Antero Dixon B11 (111310)	North Reference:	Grid
Wellbore:	Dixon B11	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B11	Database:	EDM SERVER DB

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
1,437.00	3.12	261.45	1,436.78	-0.58	1.58	14,364,527.72	890,381.03	39.524095892°N	107.659655177°W	
1,531.00	2.90	245.32	1,530.66	-1.95	-3.11	14,364,526.35	890,376.34	39.524091744°N	107.659671648°W	
1,626.00	2.59	216.85	1,625.55	-4.68	-6.59	14,364,523.63	890,372.86	39.524083997°N	107.659683660°W	
1,720.00	4.48	210.74	1,719.37	-9.53	-9.74	14,364,518.77	890,369.71	39.524070421°N	107.659694312°W	
1,815.00	5.19	207.44	1,814.03	-16.53	-13.61	14,364,511.77	890,365.84	39.524050896°N	107.659707311°W	
1,910.00	5.80	203.22	1,908.59	-24.76	-17.48	14,364,503.55	890,361.97	39.524028017°N	107.659720168°W	
2,004.00	6.81	200.24	2,002.02	-34.35	-21.29	14,364,493.95	890,358.16	39.524001388°N	107.659732627°W	
2,098.00	8.00	200.02	2,095.24	-45.73	-25.45	14,364,482.58	890,354.00	39.523969842°N	107.659746199°W	
2,193.00	9.49	195.23	2,189.13	-59.50	-29.77	14,364,468.81	890,349.68	39.523931718°N	107.659760063°W	
2,287.00	10.68	196.85	2,281.68	-75.31	-34.33	14,364,453.00	890,345.12	39.523887964°N	107.659774563°W	
2,382.00	10.90	196.41	2,375.00	-92.35	-39.42	14,364,435.95	890,340.03	39.523840800°N	107.659790806°W	
2,476.00	11.29	194.04	2,467.24	-109.80	-44.17	14,364,418.50	890,335.28	39.523792536°N	107.659805781°W	
2,570.00	11.51	193.64	2,559.39	-127.84	-48.61	14,364,400.46	890,330.84	39.523742682°N	107.659819633°W	
2,665.00	10.90	196.41	2,652.58	-145.67	-53.38	14,364,382.63	890,326.07	39.523693387°N	107.659834673°W	
2,759.00	10.50	197.95	2,744.94	-162.35	-58.53	14,364,365.96	890,320.92	39.523647226°N	107.659851172°W	
2,854.00	10.68	195.93	2,838.32	-179.05	-63.62	14,364,349.26	890,315.83	39.523600999°N	107.659867432°W	
2,948.00	10.20	201.82	2,930.77	-195.15	-69.10	14,364,333.16	890,310.35	39.523556376°N	107.659885174°W	
3,043.00	10.42	201.03	3,024.24	-210.98	-75.31	14,364,317.33	890,304.14	39.523512450°N	107.659905512°W	
3,137.00	10.50	200.94	3,116.67	-226.91	-81.42	14,364,301.40	890,298.03	39.523468241°N	107.659925493°W	
3,231.00	10.42	198.21	3,209.11	-242.98	-87.14	14,364,285.32	890,292.31	39.523423678°N	107.659944064°W	
3,326.00	9.89	196.32	3,302.63	-258.97	-92.12	14,364,269.33	890,287.33	39.523379405°N	107.659960020°W	
3,420.00	10.42	202.61	3,395.16	-274.57	-97.65	14,364,253.74	890,281.80	39.523336172°N	107.659978000°W	
3,515.00	10.11	201.51	3,488.63	-290.26	-104.01	14,364,238.05	890,275.44	39.523292616°N	107.659998887°W	
3,609.00	9.89	201.42	3,581.21	-305.45	-109.99	14,364,222.86	890,269.46	39.523250457°N	107.660018456°W	
3,704.00	10.28	199.53	3,674.74	-321.03	-115.80	14,364,207.27	890,263.65	39.523207231°N	107.660037417°W	
3,799.00	10.28	198.61	3,768.21	-337.06	-121.34	14,364,191.25	890,258.11	39.523162824°N	107.660055360°W	
3,893.00	9.58	199.84	3,860.80	-352.36	-126.67	14,364,175.94	890,252.78	39.523120398°N	107.660072643°W	
3,988.00	8.48	196.41	3,954.63	-366.52	-131.33	14,364,161.79	890,248.12	39.523081185°N	107.660087675°W	
4,082.00	7.29	197.42	4,047.74	-378.86	-135.08	14,364,149.45	890,244.37	39.523047029°N	107.660099644°W	
4,177.00	5.89	201.33	4,142.11	-389.15	-138.65	14,364,139.16	890,240.80	39.523018503°N	107.660111239°W	
4,271.00	4.61	201.11	4,235.71	-397.17	-141.77	14,364,131.14	890,237.68	39.522996256°N	107.660121434°W	
4,366.00	2.59	194.74	4,330.52	-402.80	-143.69	14,364,125.50	890,235.76	39.522980633°N	107.660127650°W	
4,460.00	0.48	178.75	4,424.48	-405.25	-144.22	14,364,123.05	890,235.23	39.522973874°N	107.660129277°W	
4,554.00	0.22	255.12	4,518.48	-405.69	-144.39	14,364,122.61	890,235.06	39.522972653°N	107.660129819°W	
4,649.00	0.09	135.33	4,613.48	-405.79	-144.51	14,364,122.51	890,234.94	39.522972369°N	107.660130247°W	
4,744.00	0.48	335.24	4,708.48	-405.48	-144.63	14,364,122.82	890,234.82	39.522973206°N	107.660130684°W	
4,838.00	0.88	4.55	4,802.47	-404.41	-144.73	14,364,123.90	890,234.72	39.522976152°N	107.660131178°W	
4,933.00	0.31	351.45	4,897.47	-403.43	-144.71	14,364,124.88	890,234.74	39.522978846°N	107.660131211°W	
5,027.00	0.88	5.43	4,991.46	-402.46	-144.68	14,364,125.85	890,234.77	39.522981510°N	107.660131204°W	
5,122.00	0.62	3.55	5,086.45	-401.22	-144.58	14,364,127.09	890,234.87	39.522984918°N	107.660130977°W	
5,216.00	1.10	353.12	5,180.44	-399.81	-144.66	14,364,128.49	890,234.79	39.522988762°N	107.660131395°W	
5,311.00	0.62	336.02	5,275.43	-398.44	-144.98	14,364,129.87	890,234.47	39.522992508°N	107.660132666°W	
5,405.00	0.79	32.94	5,369.42	-397.43	-144.83	14,364,130.88	890,234.62	39.522995287°N	107.660132256°W	
5,500.00	0.62	86.42	5,464.42	-396.85	-143.96	14,364,131.46	890,235.49	39.522996953°N	107.660129238°W	
5,594.00	1.10	142.93	5,558.41	-397.54	-142.91	14,364,130.77	890,236.54	39.522995150°N	107.660125441°W	
5,689.00	1.32	148.03	5,653.39	-399.19	-141.78	14,364,129.12	890,237.67	39.522990699°N	107.660121268°W	
5,783.00	0.48	159.15	5,747.37	-400.48	-141.07	14,364,127.83	890,238.38	39.522987228°N	107.660118606°W	
5,878.00	0.79	165.83	5,842.37	-401.48	-140.77	14,364,126.82	890,238.68	39.522984490°N	107.660117431°W	
5,972.00	0.88	115.33	5,936.36	-402.42	-139.96	14,364,125.89	890,239.49	39.522981985°N	107.660114460°W	
6,067.00	0.70	343.01	6,031.36	-402.18	-139.47	14,364,126.13	890,239.98	39.522982691°N	107.660112750°W	
6,161.00	0.31	251.12	6,125.35	-401.71	-139.88	14,364,126.59	890,239.58	39.522983939°N	107.660114246°W	
6,256.00	1.10	299.73	6,220.35	-401.34	-140.91	14,364,126.96	890,238.54	39.522984867°N	107.660117951°W	
6,350.00	0.70	293.75	6,314.33	-400.66	-142.22	14,364,127.64	890,237.23	39.522986623°N	107.660122659°W	
6,445.00	0.31	32.94	6,409.33	-400.21	-142.61	14,364,128.09	890,236.84	39.522987824°N	107.660124093°W	
6,539.00	0.09	215.31	6,503.33	-400.06	-142.51	14,364,128.25	890,236.94	39.522988252°N	107.660123770°W	

ARK Directional Services

Survey Report - Geographic

Company:	Antero Resources	Local Co-ordinate Reference:	Well Antero Dixon B11 (111310) - Slot B11
Project:	Dixon	TVD Reference:	KB @ 5544.00ft
Site:	Dixon B	MD Reference:	KB @ 5544.00ft
Well:	Antero Dixon B11 (111310)	North Reference:	Grid
Wellbore:	Dixon B11	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B11	Database:	EDM SERVER DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,634.00	0.48	151.15	6,598.33	-400.47	-142.37	14,364,127.84	890,237.08	39.522987141°N	107.660123200°W
6,728.00	0.31	308.56	6,692.33	-400.66	-142.37	14,364,127.65	890,237.08	39.522986629°N	107.660123212°W
6,823.00	0.48	156.64	6,787.33	-400.86	-142.42	14,364,127.44	890,237.03	39.522986063°N	107.660123343°W
6,917.00	0.48	190.74	6,881.32	-401.61	-142.34	14,364,126.70	890,237.11	39.522984016°N	107.660122972°W
7,012.00	0.79	163.32	6,976.32	-402.63	-142.22	14,364,125.68	890,237.23	39.522981232°N	107.660122462°W
7,107.00	1.10	101.53	7,071.31	-403.44	-141.14	14,364,124.87	890,238.31	39.522979098°N	107.660118546°W
7,201.00	1.41	118.23	7,165.29	-404.17	-139.24	14,364,124.14	890,240.21	39.522977257°N	107.660111729°W
7,295.00	0.88	168.64	7,259.27	-405.42	-138.08	14,364,122.89	890,241.37	39.522973909°N	107.660107484°W
7,390.00	1.10	195.53	7,354.25	-407.01	-138.18	14,364,121.29	890,241.27	39.522969528°N	107.660107673°W
7,484.00	1.19	203.62	7,448.24	-408.78	-138.81	14,364,119.53	890,240.64	39.522964638°N	107.660109729°W
7,499.00	1.10	194.52	7,463.23	-409.06	-138.91	14,364,119.25	890,240.54	39.522963857°N	107.660110049°W
7,540.82	1.10	194.52	7,505.04	-409.84	-139.11	14,364,118.47	890,240.34	39.522961708°N	107.660110680°W
BH B11									
7,544.00	1.10	194.52	7,508.23	-409.90	-139.12	14,364,118.41	890,240.33	39.522961545°N	107.660110728°W
Proj to TD at 7544 MD/7508 TVD									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,544.00	7,508.23	-409.90	-139.12	Proj to TD at 7544 MD/7508 TVD

Checked By: _____ Approved By: _____ Date: _____