



End of Well Report

Prepared for



Dixon B15

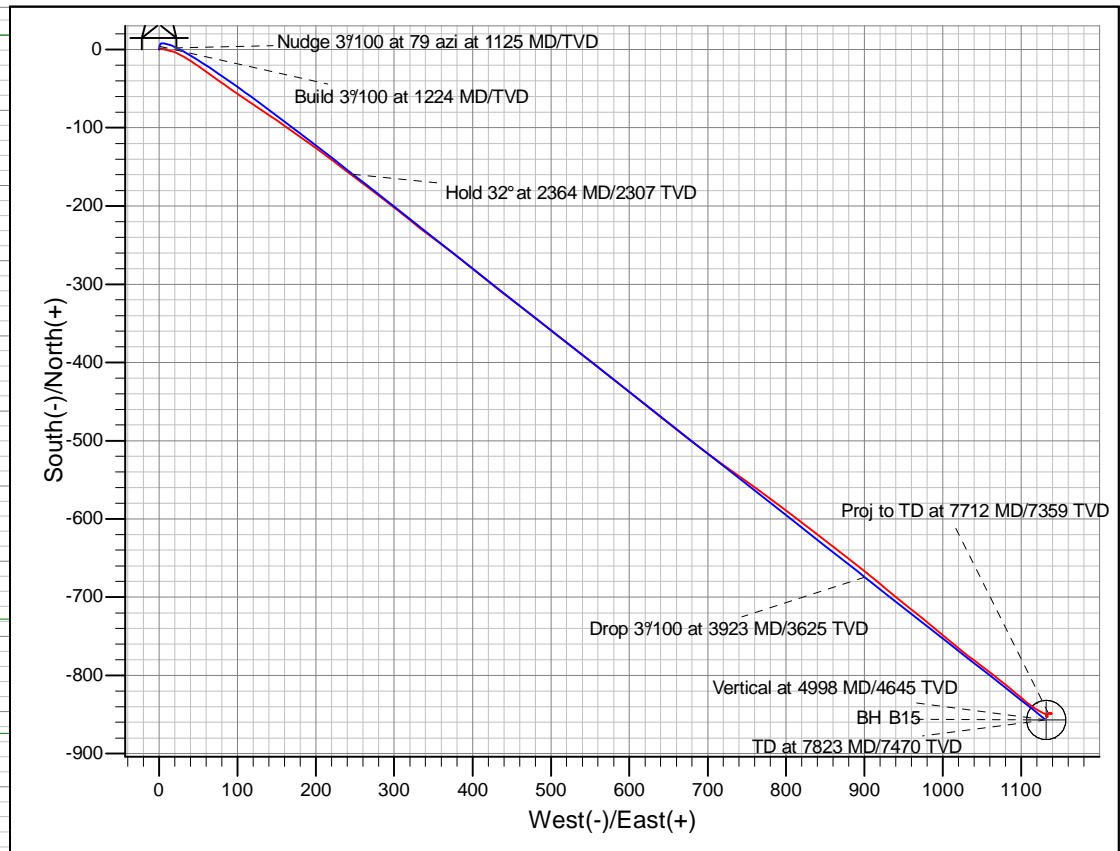
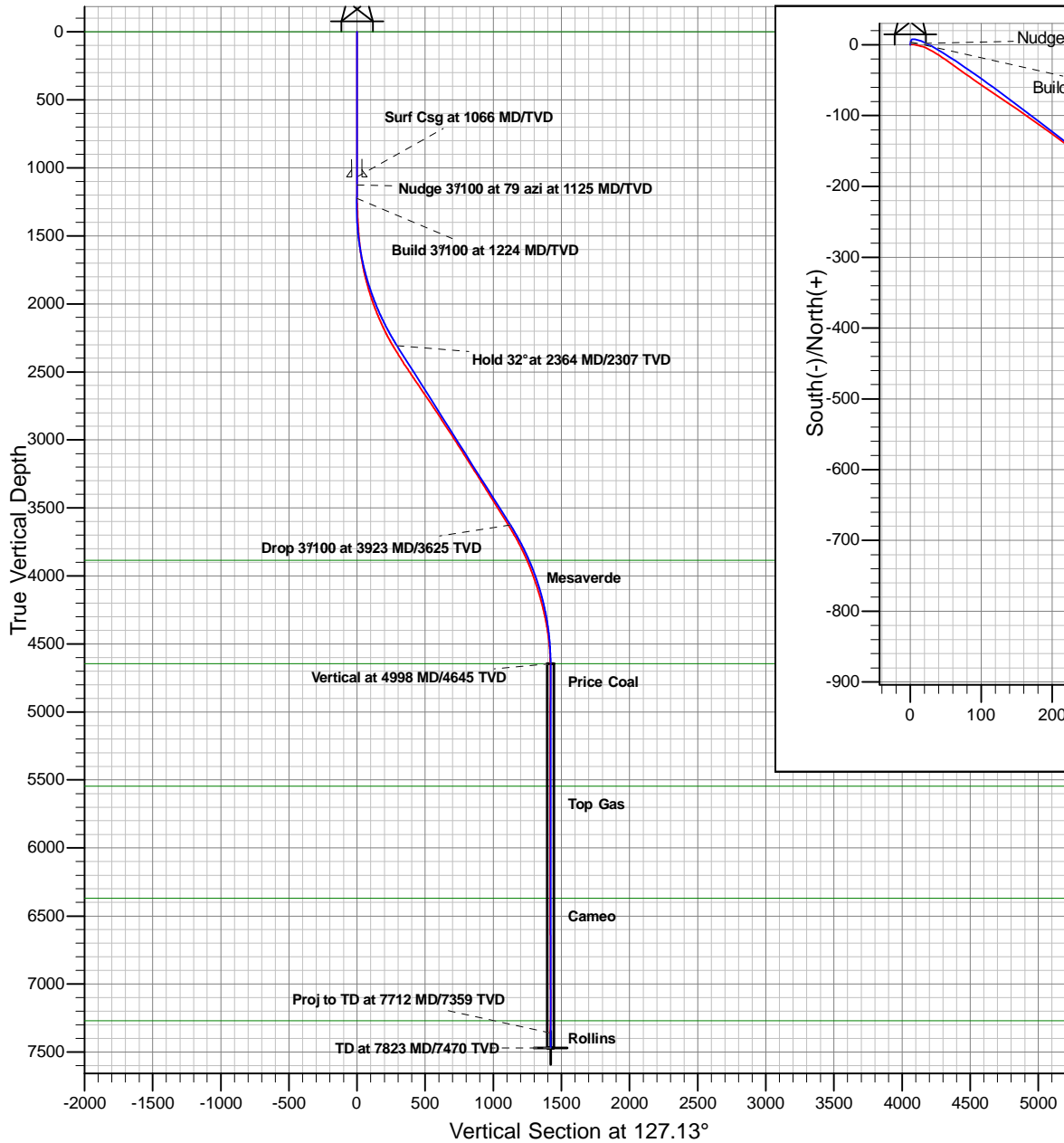
September 13, 2011

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



Antero Resources

Dixon B
Antero Dixon B15 (111314)
Planned Vs. Actual



Magnetic Field Details	
Total Correction to Grid N: +11.87°	
	Model: IGRF2010
	Date: 01-Sep-11
	Grid Conv: -1.69
	Mag. Dec: 10.18°
	Field Strength: 52291
Dip: 65.82°	

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 B15 (111314) - Slot B15, Grid North
Vertical (TVD) Reference: KB @ 5544.00ft (Original Well Elev)
Section (VS) Reference: Slot - B15(0.00N, 0.00E)
Measured Depth Reference: KB @ 5544.00ft (Original Well Elev)
Calculation Method: Minimum Curvature

Plan: Dixon B15 P02
Created By: ARK Directional Services Inc.
Date: 8:54, September 12 2011

Antero Resources

Dixon

Dixon B

Antero Dixon B15 (111314) - Slot B15

Dixon B15

Survey: B15

Standard Survey Report

12 September, 2011

ARK Directional Services

Survey Report

Company: Antero Resources	Local Co-ordinate Reference: Well Antero Dixon B15 (111314) - Slot B15
Project: Dixon	TVD Reference: KB @ 5544.00ft (Original Well Elev)
Site: Dixon B	MD Reference: KB @ 5544.00ft (Original Well Elev)
Well: Antero Dixon B15 (111314)	North Reference: Grid
Wellbore: Dixon B15	Survey Calculation Method: Minimum Curvature
Design: Dixon B15	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 B15 (111314) - Slot B15			
Well Position	+N/-S 0.00 ft	Northing: 14,364,520.35 usft	Latitude: 39.524077868°N
	+E/-W 0.00 ft	Easting: 890,408.37 usft	Longitude: 107.659557523°W
Position Uncertainty	0.00 ft	Wellhead Elevation: ft	Ground Level: 5,520.00 ft

Wellbore Dixon B15					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	09/01/11	10.18	65.82	52,291

Design Dixon B15				
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	127.13

Survey Program		Date 09/12/11		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	960.00	Dixon B15 Surface (Dixon B15)	NS-GYRO-MS	North sensing gyrocompassing m/s
1,028.00	7,712.00	B15 (Dixon B15)	MWD	MWD - Standard

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
960.00	0.17	78.75	960.00	1.50	-0.01	-0.92	0.00	0.00	0.00	
1,028.00	0.00	0.00	1,028.00	1.52	0.09	-0.85	0.25	-0.25	0.00	
1,058.00	0.25	117.00	1,058.00	1.49	0.14	-0.78	0.83	0.83	0.00	
1,088.00	0.25	169.00	1,088.00	1.40	0.21	-0.67	0.73	0.00	173.33	
1,118.00	0.50	176.00	1,118.00	1.20	0.24	-0.54	0.85	0.83	23.33	
1,148.00	0.75	182.00	1,147.99	0.87	0.24	-0.34	0.86	0.83	20.00	
1,178.00	0.50	178.00	1,177.99	0.55	0.24	-0.14	0.85	-0.83	-13.33	
1,208.00	0.25	126.00	1,207.99	0.38	0.29	0.01	1.33	-0.83	-173.33	
1,265.00	2.25	77.00	1,264.98	0.56	1.49	0.85	3.67	3.51	-85.96	
1,295.00	2.25	76.00	1,294.95	0.83	2.63	1.60	0.13	0.00	-3.33	

ARK Directional Services

Survey Report

Company:	Antero Resources	Local Co-ordinate Reference:	Well Antero Dixon B15 (111314) - Slot B15
Project:	Dixon	TVD Reference:	KB @ 5544.00ft (Original Well Elev)
Site:	Dixon B	MD Reference:	KB @ 5544.00ft (Original Well Elev)
Well:	Antero Dixon B15 (111314)	North Reference:	Grid
Wellbore:	Dixon B15	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B15	Database:	EDM SERVER DB

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
1,342.00	3.12	102.18	1,341.90	0.78	4.78	3.33	3.15	1.85	55.70	
1,437.00	3.60	102.97	1,436.74	-0.43	10.21	8.40	0.51	0.51	0.83	
1,531.00	5.71	107.58	1,530.42	-2.51	17.54	15.50	2.28	2.24	4.90	
1,625.00	8.09	118.88	1,623.74	-7.11	27.80	26.45	2.90	2.53	12.02	
1,720.00	10.59	122.88	1,717.47	-15.08	40.98	41.78	2.72	2.63	4.21	
1,815.00	14.11	125.38	1,810.26	-26.53	57.76	62.06	3.75	3.71	2.63	
1,909.00	16.39	126.08	1,900.95	-40.98	77.82	86.78	2.43	2.43	0.74	
2,004.00	19.69	124.28	1,991.26	-57.89	101.89	116.17	3.52	3.47	-1.89	
2,098.00	22.50	123.67	2,078.96	-76.78	129.95	149.95	3.00	2.99	-0.65	
2,192.00	24.79	125.07	2,165.06	-98.08	161.05	187.60	2.51	2.44	1.49	
2,287.00	28.39	125.86	2,250.00	-122.76	195.66	230.10	3.81	3.79	0.83	
2,381.00	31.29	127.27	2,331.53	-150.64	233.21	276.86	3.17	3.09	1.50	
2,476.00	32.52	127.49	2,412.17	-181.12	273.10	327.07	1.30	1.29	0.23	
2,570.00	33.49	128.85	2,491.00	-212.77	313.35	378.26	1.30	1.03	1.45	
2,664.00	34.32	126.87	2,569.02	-244.94	354.75	430.68	1.47	0.88	-2.11	
2,759.00	34.19	128.85	2,647.55	-277.75	396.96	484.15	1.18	-0.14	2.08	
2,853.00	34.19	128.15	2,725.30	-310.64	438.30	536.95	0.42	0.00	-0.74	
2,948.00	33.31	127.67	2,804.29	-343.07	479.94	589.73	0.97	-0.93	-0.51	
3,042.00	33.18	128.37	2,882.91	-374.81	520.54	641.25	0.43	-0.14	0.74	
3,137.00	32.92	128.59	2,962.54	-407.04	561.10	693.05	0.30	-0.27	0.23	
3,231.00	32.30	128.06	3,041.72	-438.46	600.84	743.69	0.73	-0.66	-0.56	
3,325.00	32.52	128.85	3,121.07	-469.79	640.29	794.06	0.51	0.23	0.84	
3,420.00	32.52	128.15	3,201.18	-501.58	680.26	845.12	0.40	0.00	-0.74	
3,514.00	31.90	124.85	3,280.72	-531.39	720.51	895.20	1.98	-0.66	-3.51	
3,609.00	31.42	126.26	3,361.58	-560.38	761.08	945.04	0.93	-0.51	1.48	
3,703.00	31.99	127.05	3,441.55	-589.87	800.71	994.44	0.75	0.61	0.84	
3,798.00	32.08	128.08	3,522.09	-620.59	840.65	1,044.83	0.58	0.09	1.08	
3,893.00	32.08	127.36	3,602.58	-651.46	880.56	1,095.28	0.40	0.00	-0.76	
3,987.00	30.81	130.26	3,682.78	-682.17	918.78	1,144.28	2.10	-1.35	3.09	
4,082.00	27.42	128.37	3,765.77	-711.48	954.50	1,190.46	3.70	-3.57	-1.99	
4,176.00	24.79	129.86	3,850.17	-737.55	986.61	1,231.79	2.88	-2.80	1.59	
4,271.00	21.31	129.78	3,937.57	-761.37	1,015.17	1,268.94	3.66	-3.66	-0.08	
4,334.00	20.08	127.27	3,996.51	-775.24	1,032.57	1,291.19	2.41	-1.95	-3.98	
4,365.00	19.29	127.18	4,025.70	-781.56	1,040.89	1,301.64	2.55	-2.55	-0.29	
4,459.00	17.01	128.28	4,115.01	-799.46	1,064.06	1,330.91	2.45	-2.43	1.17	
4,554.00	14.19	128.98	4,206.50	-815.40	1,084.02	1,356.45	2.97	-2.97	0.74	
4,649.00	12.30	130.96	4,298.97	-829.36	1,100.71	1,378.18	2.05	-1.99	2.08	
4,743.00	9.18	124.68	4,391.32	-840.19	1,114.44	1,395.67	3.54	-3.32	-6.68	
4,838.00	6.28	115.89	4,485.45	-846.77	1,125.35	1,408.34	3.29	-3.05	-9.25	
4,932.00	3.12	127.67	4,579.12	-850.58	1,132.01	1,415.94	3.50	-3.36	12.53	
5,027.00	0.79	204.97	4,674.07	-852.75	1,133.78	1,418.67	3.21	-2.45	81.37	
5,121.00	0.22	315.49	4,768.07	-853.21	1,133.38	1,418.63	0.95	-0.61	117.57	
5,216.00	0.48	301.07	4,863.07	-852.88	1,132.91	1,418.05	0.29	0.27	-15.18	

ARK Directional Services

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Project:	Dixon	TVD Reference:	KB @ 5544.00ft (Original Well Elev)
Site:	Dixon B	MD Reference:	KB @ 5544.00ft (Original Well Elev)
Well:	Antero Dixon B15 (111314)	North Reference:	Grid
Wellbore:	Dixon B15	Survey Calculation Method:	Minimum Curvature
Design:	Dixon B15	Database:	EDM SERVER DB

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,310.00	0.40	359.57	4,957.06	-852.35	1,132.57	1,417.46	0.46	-0.09	62.23	
5,405.00	0.62	310.39	5,052.06	-851.68	1,132.17	1,416.74	0.49	0.23	-51.77	
5,499.00	0.48	184.66	5,146.06	-851.75	1,131.75	1,416.45	1.04	-0.15	-133.76	
5,594.00	0.48	83.28	5,241.06	-852.10	1,132.12	1,416.95	0.78	0.00	-106.72	
5,688.00	0.40	10.77	5,335.05	-851.73	1,132.57	1,417.08	0.56	-0.09	-77.14	
5,783.00	0.22	199.96	5,430.05	-851.57	1,132.57	1,416.99	0.65	-0.19	-179.80	
5,877.00	0.70	185.76	5,524.05	-852.31	1,132.45	1,417.34	0.52	0.51	-15.11	
5,972.00	0.40	340.19	5,619.05	-852.58	1,132.28	1,417.37	1.13	-0.32	162.56	
6,066.00	0.31	350.56	5,713.05	-852.02	1,132.13	1,416.91	0.12	-0.10	11.03	
6,161.00	0.79	11.86	5,808.04	-851.12	1,132.22	1,416.44	0.54	0.51	22.42	
6,255.00	0.48	78.67	5,902.04	-850.41	1,132.74	1,416.43	0.79	-0.33	71.07	
6,350.00	0.31	206.99	5,997.04	-850.56	1,133.01	1,416.74	0.75	-0.18	135.07	
6,444.00	0.48	25.45	6,091.03	-850.44	1,133.06	1,416.70	0.84	0.18	189.85	
6,539.00	0.48	169.77	6,186.03	-850.47	1,133.31	1,416.91	0.96	0.00	151.92	
6,633.00	0.31	54.76	6,280.03	-850.71	1,133.58	1,417.28	0.72	-0.18	-122.35	
6,728.00	0.62	354.95	6,375.03	-850.05	1,133.75	1,417.01	0.56	0.33	-62.96	
6,822.00	0.40	30.28	6,469.03	-849.26	1,133.87	1,416.63	0.40	-0.23	37.59	
6,917.00	1.19	69.57	6,564.02	-848.63	1,134.96	1,417.12	0.96	0.83	41.36	
7,011.00	0.70	105.87	6,658.00	-848.44	1,136.43	1,418.18	0.80	-0.52	38.62	
7,106.00	0.48	75.46	6,753.00	-848.50	1,137.37	1,418.97	0.40	-0.23	-32.01	
7,200.00	0.31	298.48	6,847.00	-848.28	1,137.53	1,418.96	0.78	-0.18	-145.72	
7,295.00	0.22	266.27	6,942.00	-848.17	1,137.12	1,418.57	0.18	-0.09	-33.91	
7,389.00	1.10	115.05	7,035.99	-848.57	1,137.76	1,419.31	1.38	0.94	-160.87	
7,484.00	0.22	49.66	7,130.99	-848.83	1,138.72	1,420.25	1.08	-0.93	-68.83	
7,578.00	1.01	274.75	7,224.98	-848.65	1,138.04	1,419.58	1.25	0.84	-143.52	
7,664.00	1.41	255.99	7,310.96	-848.84	1,136.25	1,418.28	0.65	0.47	-21.81	
7,712.00	1.41	255.99	7,358.95	-849.13	1,135.11	1,417.54	0.00	0.00	0.00	
Proj to TD at 7712 MD/7359 TVD - BH B15										

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,712.00	7,358.95	-849.13	1,135.11	Proj to TD at 7712 MD/7359 TVD

Checked By: _____ Approved By: _____ Date: _____