

"As Drilled"

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-34582	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 22595	Property Name BOLACK B	Well Number 2R
GRID No. 5380	Operator Name XTO ENERGY INC	Elevation 6667'

¹⁰ Surface Location

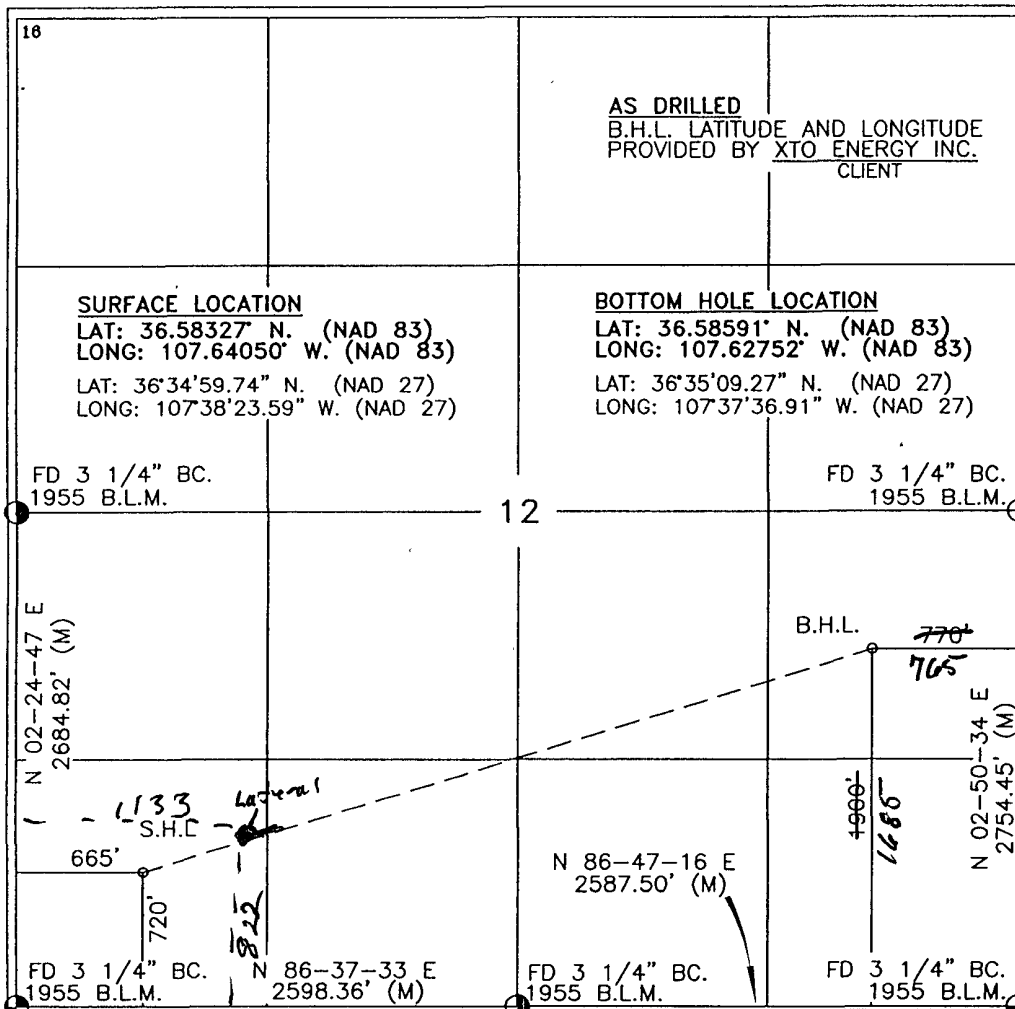
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	12	27-N	8-W		720	SOUTH	665	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	12	27-N	8-W		1900/665	SOUTH	770/765	EAST	SAN JUAN

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Dolena Johnson 07-18-08
Signature Date

Dolena Johnson
Printed Name

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

MAY 23, 2008

Date of Survey

Signature and Seal of Professional Surveyor

RECEIVED

06-02-08

PROFESSIONAL LAND SURVEYOR

Certificate Number



BOLACK B #2R
SAN JUAN CO., NEW MEXICO



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0 00	0 00	76 11	0 00	0 00	0 00	0 00	0 00	0 00	
2	2123 00	0 00	76 11	2123 00	0 00	0 00	0 00	76 11	0 00	
3	2923 00	40 00	76 11	2859 58	64 36	260 25	5 00	76 11	268 09	
4	3246 31	88 84	76 11	2995 00	132 25	534 85	15 10	0 01	550 96	
5	6690 80	88 84	76 11	3065 00	958 71	3877 99	0 00	0 00	3994 74	T2

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
T2	3065 00	958 71	3877 99	36°35'09.248N	107°37'38.247W	Point

WELL DETAILS

Name	+N/-S	+E/-W	Northung	Easting	Latitude	Longitude	Slot
#2R	0 00	0 00	2031680 45	2779711 96	36°34'59.770N	107°38'25.800W	N/A

FIELD DETAILS

San Juan, NM (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Western Zone
Magnetic Model: bggm2007
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

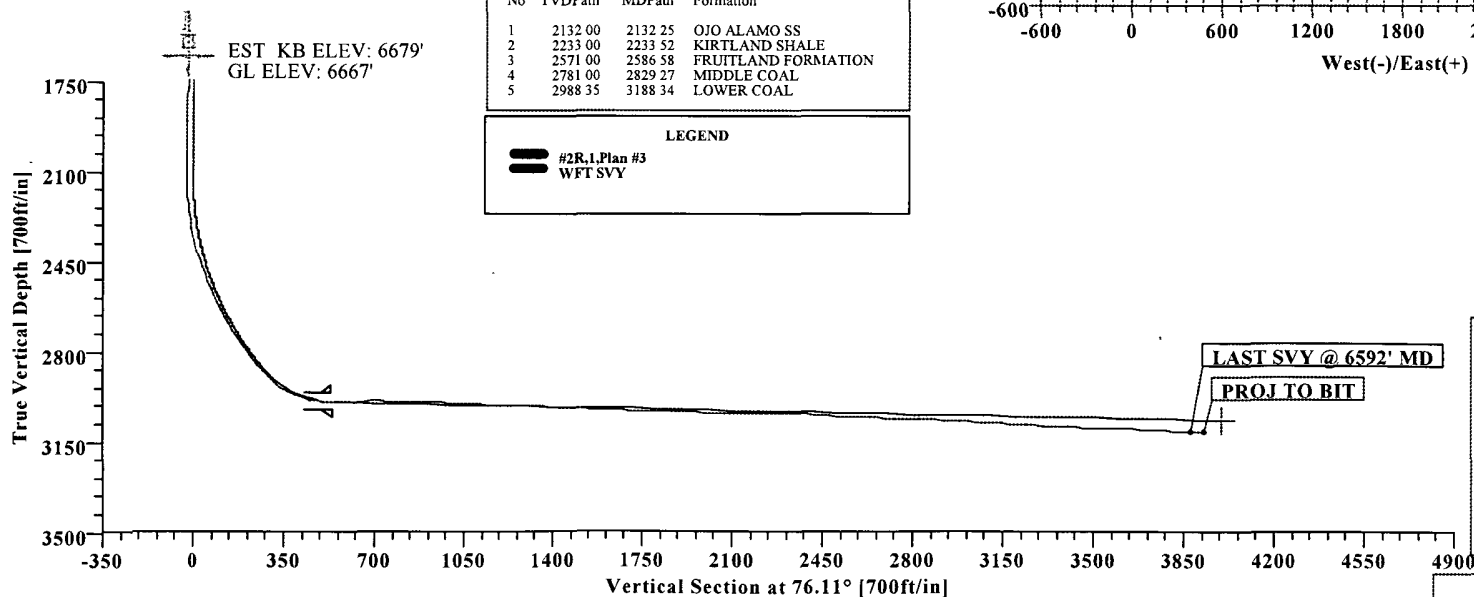
Bolack B #2R
720' FSL 665' FWL of SEC 12, T-27-N R-8-W
Site Centre Latitude: 36°34'59.770N
Longitude: 107°38'25.800W
Ground Level: 6667.00
Positional Uncertainty: 0.00
Convergence: 0.11

FORMATION TOP DETAILS

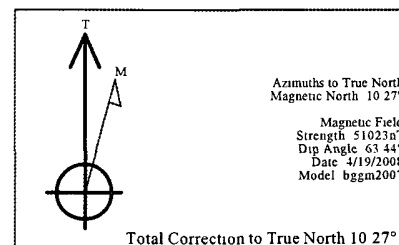
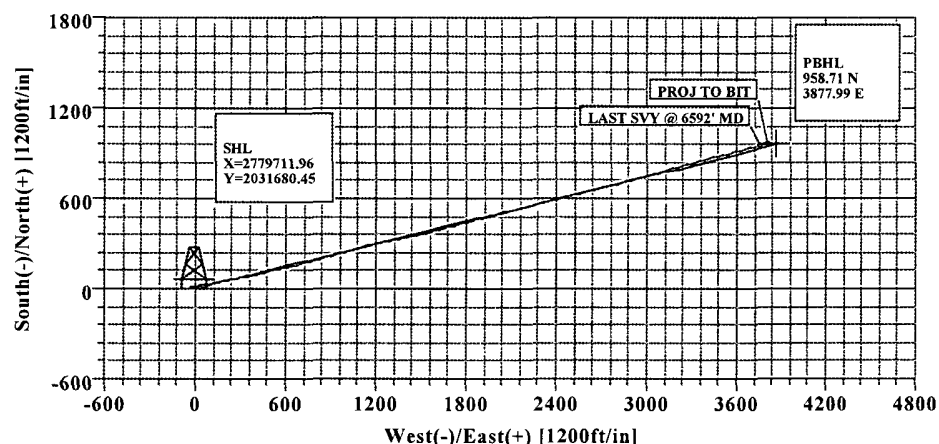
No	TVDPath	MDPath	Formation
1	2132 00	2132 25	OJO ALAMO SS
2	2233 00	2233 52	KIRTLAND SHALE
3	2571 00	2586 58	FRUITLAND FORMATION
4	2781 00	2829 27	MIDDLE COAL
5	2988 35	3188 34	LOWER COAL

LEGEND

#2R.1.Plan #3
 WFT SVY



VERTICAL SECTION AZIMUTH: 76.11°



Azimuths to True North
Magnetic North 10 27°
Magnetic Field
Strength 51023nT
Dip Angle 63 44°
Date 4/19/2008
Model bggm2007

Total Correction to True North 10 27°

Survey WFT SVY (#2R/1)

Created By Lindsey Maddux

Date 5/2/2008



Weatherford International, Inc.

Survey Report

**Weatherford®**

Company: XTO Energy	Date: 5/2/2008	Time: 09:13:39	Page: 1
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Site: Bolack B #2R, True North	
Site: Bolack B #2R	Vertical (TVD) Reference:	SITE 6679.0	
Well: #2R	Section (VS) Reference:	Well (0.00N,0.00E,76.11Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: San Juan, NM (NAD 83)**Map System:** US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level**Map Zone:** New Mexico, Western Zone
Coordinate System: Site Centre
Geomagnetic Model: bggm2007**Site:** Bolack B #2R

720' FSL 665' FWL of SEC 12, T-27-N R-8-W

Site Position:	Northing: 2031680.45 ft	Latitude: 36 34 59.770 N
From: Geographic	Easting: 2779711.96 ft	Longitude: 107 38 25.800 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6667.00 ft		Grid Convergence: 0.11 deg

Well: #2R**Slot Name:**

Well Position:	+N/-S 0.00 ft	Northing: 2031680.45 ft	Latitude: 36 34 59.770 N
	+E/-W 0.00 ft	Easting: 2779711.96 ft	Longitude: 107 38 25.800 W
Position Uncertainty:	0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 6679.00 ft	Drilled From: Surface
Magnetic Data: 4/19/2008		Tie-on Depth: 0.00 ft
Field Strength: 51023 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S	Declination: 10.27 deg
ft	ft	Mag Dip Angle: 63.44 deg
		+E/-W
		ft
		Direction
		deg
0.00	0.00	0.00
		76.11

Survey: WFT SVY**Start Date:** 4/22/2008**Company:** Weatherford International, Inc
Tool: MWD;MWD - Standard**Engineer:** Lindsey Maddux
Tied-to: From Surface**Survey:** WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
360.00	0.17	264.45	360.00	-0.05	-0.52	-0.51	0.05	0.05	0.00	9 5/8"
544.00	0.25	264.45	544.00	-0.11	-1.18	-1.17	0.05	0.05	0.00	MWD
574.00	0.31	255.70	574.00	-0.14	-1.33	-1.32	0.25	0.20	-29.17	MWD
604.00	0.44	269.33	604.00	-0.16	-1.52	-1.51	0.52	0.43	45.43	MWD
696.00	0.81	293.95	695.99	0.10	-2.47	-2.37	0.49	0.40	26.76	MWD
727.00	0.69	283.95	726.99	0.23	-2.85	-2.71	0.57	-0.39	-32.26	MWD
757.00	0.75	272.58	756.99	0.28	-3.22	-3.06	0.52	0.20	-37.90	MWD
788.00	0.81	262.33	787.98	0.26	-3.64	-3.47	0.49	0.19	-33.06	MWD
819.00	0.63	262.70	818.98	0.21	-4.03	-3.86	0.58	-0.58	1.19	MWD
850.00	0.56	276.70	849.98	0.21	-4.34	-4.17	0.52	-0.23	45.16	MWD
880.00	0.69	275.20	879.98	0.24	-4.67	-4.48	0.44	0.43	-5.00	MWD
911.00	0.50	270.33	910.98	0.26	-4.99	-4.78	0.63	-0.61	-15.71	MWD
942.00	0.56	273.95	941.98	0.27	-5.28	-5.06	0.22	0.19	11.68	MWD
972.00	0.63	278.45	971.97	0.31	-5.59	-5.35	0.28	0.23	15.00	MWD
1002.00	0.63	279.70	1001.97	0.36	-5.91	-5.65	0.05	0.00	4.17	MWD
1033.00	0.50	281.45	1032.97	0.41	-6.21	-5.93	0.42	-0.42	5.65	MWD
1064.00	0.75	284.33	1063.97	0.49	-6.54	-6.23	0.81	0.81	9.29	MWD
1095.00	0.88	293.08	1094.97	0.63	-6.96	-6.60	0.58	0.42	28.23	MWD
1125.00	0.75	292.70	1124.96	0.80	-7.35	-6.94	0.43	-0.43	-1.27	MWD
1155.00	1.06	282.70	1154.96	0.94	-7.80	-7.35	1.16	1.03	-33.33	MWD
1217.00	1.13	292.45	1216.95	1.30	-8.93	-8.36	0.32	0.11	15.73	MWD
1248.00	1.31	281.33	1247.94	1.48	-9.56	-8.92	0.96	0.58	-35.87	MWD
1278.00	1.25	272.58	1277.93	1.56	-10.22	-9.55	0.68	-0.20	-29.17	MWD



Weatherford International, Inc.

Survey Report



Company: XTO Energy Date: 5/2/2008 Time: 09 13:39 Page: 2
Field: San Juan, NM (NAD 83) Co-ordinate(NE) Reference: Site: Bolack B #2R, True North
Site: Bolack B #2R Vertical (TVD) Reference: SITE 6679.0
Well: #2R Section (VS) Reference: Well (0 00N,0.00E,76.11Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1310.00	1.13	281.08	1309.93	1.64	-10.88	-10.17	0.67	-0.37	26.56	MWD
1342.00	1.06	278.08	1341.92	1.74	-11.48	-10.73	0.28	-0.22	-9.37	MWD
1373.00	1.25	278.83	1372.91	1.84	-12.10	-11.31	0.61	0.61	2.42	MWD
1405.00	1.02	281.15	1404.91	1.94	-12.72	-11.89	0.73	-0.72	7.25	MWD
1497.00	1.30	289.33	1496.89	2.45	-14.51	-13.50	0.35	0.30	8.89	MWD
1528.00	1.44	290.20	1527.88	2.70	-15.21	-14.12	0.46	0.45	2.81	MWD
1559.00	1.31	284.08	1558.87	2.92	-15.92	-14.75	0.63	-0.42	-19.74	MWD
1622.00	1.44	296.83	1621.85	3.45	-17.32	-15.99	0.53	0.21	20.24	MWD
1653.00	1.19	301.33	1652.84	3.79	-17.95	-16.51	0.87	-0.81	14.52	MWD
1685.00	1.25	295.95	1684.84	4.12	-18.54	-17.01	0.40	0.19	-16.81	MWD
1716.00	1.00	299.33	1715.83	4.40	-19.08	-17.47	0.83	-0.81	10.90	MWD
1747.00	0.69	292.08	1746.83	4.60	-19.49	-17.82	1.06	-1.00	-23.39	MWD
1779.00	0.75	280.70	1778.83	4.71	-19.88	-18.16	0.48	0.19	-35.56	MWD
1811.00	0.75	286.45	1810.82	4.81	-20.28	-18.54	0.24	0.00	17.97	MWD
1843.00	0.94	274.33	1842.82	4.89	-20.75	-18.97	0.81	0.59	-37.87	MWD
1874.00	1.19	281.08	1873.81	4.97	-21.32	-19.50	0.90	0.81	21.77	MWD
1906.00	1.25	278.08	1905.81	5.09	-21.99	-20.12	0.27	0.19	-9.37	MWD
1938.00	1.06	284.45	1937.80	5.21	-22.62	-20.71	0.72	-0.59	19.91	MWD
1967.00	1.38	283.08	1966.79	5.36	-23.22	-21.26	1.11	1.10	-4.72	MWD
1998.00	1.38	287.70	1997.78	5.55	-23.94	-21.91	0.36	0.00	14.90	MWD
2028.00	1.57	287.48	2027.77	5.79	-24.67	-22.57	0.63	0.63	-0.73	MWD
2045.00	1.50	276.70	2044.77	5.88	-25.12	-22.97	1.74	-0.41	-63.41	MWD
2060.00	1.71	280.33	2059.76	5.95	-25.53	-23.36	1.55	1.40	24.20	MWD
2107.00	0.56	296.45	2106.75	6.17	-26.43	-24.17	2.52	-2.45	34.30	MWD
2137.00	1.19	67.49	2136.75	6.36	-26.27	-23.98	5.38	2.10	436.80	MWD
2168.00	2.88	77.33	2167.73	6.65	-25.22	-22.88	5.55	5.45	31.74	MWD
2199.00	4.85	79.12	2198.66	7.07	-23.17	-20.79	6.37	6.35	5.77	MWD
2228.00	6.56	77.45	2227.51	7.66	-20.35	-17.91	5.92	5.90	-5.76	MWD
2259.00	8.13	75.45	2258.26	8.60	-16.50	-13.95	5.13	5.06	-6.45	MWD
2290.00	9.44	73.95	2288.89	9.85	-11.93	-9.22	4.29	4.23	-4.84	MWD
2321.00	11.06	76.20	2319.40	11.26	-6.60	-3.70	5.38	5.23	7.26	MWD
2351.00	12.81	78.83	2348.75	12.59	-0.54	2.50	6.11	5.83	8.77	MWD
2381.00	14.75	79.33	2377.88	13.95	6.47	9.63	6.48	6.47	1.67	MWD
2412.00	16.50	79.08	2407.74	15.51	14.68	17.97	5.65	5.65	-0.81	MWD
2443.00	18.13	78.58	2437.33	17.30	23.73	27.18	5.28	5.26	-1.61	MWD
2474.00	19.56	79.70	2466.67	19.18	33.56	37.18	4.76	4.61	3.61	MWD
2504.00	20.88	80.08	2494.82	21.00	43.77	47.53	4.42	4.40	1.27	MWD
2535.00	22.37	80.19	2523.64	22.96	55.02	58.92	4.81	4.81	0.35	MWD
2566.00	23.50	80.20	2552.19	25.02	66.93	70.97	3.65	3.65	0.03	MWD
2597.00	24.63	80.95	2580.49	27.08	79.40	83.58	3.78	3.65	2.42	MWD
2627.00	26.00	81.70	2607.61	29.02	92.08	96.35	4.69	4.57	2.50	MWD
2659.00	27.50	81.33	2636.18	31.14	106.32	110.69	4.72	4.69	-1.16	MWD
2689.00	29.38	81.20	2662.56	33.31	120.44	124.92	6.27	6.27	-0.43	MWD
2720.00	31.00	80.45	2689.36	35.80	135.83	140.45	5.37	5.23	-2.42	MWD
2751.00	31.88	79.20	2715.81	38.66	151.75	156.59	3.53	2.84	-4.03	MWD
2782.00	32.88	78.20	2741.99	41.91	168.02	173.17	3.66	3.23	-3.23	MWD
2813.00	34.81	78.20	2767.73	45.44	184.92	190.43	6.23	6.23	0.00	MWD
2844.00	36.81	78.70	2792.87	49.07	202.69	208.55	6.52	6.45	1.61	MWD
2878.00	37.77	78.51	2819.92	53.14	222.89	229.13	2.84	2.82	-0.56	MWD
2912.00	38.31	78.70	2846.70	57.28	243.42	250.06	1.63	1.59	0.56	MWD
2943.00	41.44	78.45	2870.48	61.22	262.90	269.91	10.11	10.10	-0.81	MWD
2974.00	45.31	79.20	2893.01	65.34	283.79	291.17	12.59	12.48	2.42	MWD
3004.00	49.69	79.58	2913.28	69.41	305.52	313.25	14.63	14.60	1.27	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO Energy
Field: San Juan, NM (NAD 83)
Site: Bolack B #2R
Well: #2R
Wellpath: 1

Date: 5/2/2008 Time: 09:13:39 Page: 3
Co-ordinate(NE) Reference: Site: Bolack B #2R, True North
Vertical (TVD) Reference: SITE 6679.0
Section (VS) Reference: Well (0.00N,0.00E,76.11Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
3036.00	54.50	79.20	2932.93	74.06	330.33	338.45	15.06	15.03	-1.19	MWD
3066.00	60.00	79.08	2949.15	78.81	355.10	363.64	18.34	18.33	-0.40	MWD
3097.00	65.50	79.45	2963.34	83.94	382.17	391.14	17.77	17.74	1.19	MWD
3128.00	71.00	78.58	2974.82	89.43	410.42	419.89	17.93	17.74	-2.81	MWD
3159.00	77.00	77.45	2983.37	95.62	439.56	449.66	19.67	19.35	-3.65	MWD
3189.00	83.56	76.33	2988.43	102.33	468.34	479.21	22.17	21.87	-3.73	MWD
3215.00	89.03	74.37	2990.11	108.89	493.43	505.14	22.34	21.04	-7.54	MWD
3246.31	90.31	73.43	2990.29	117.57	523.51	536.42	5.08	4.10	-3.00	7"/LP
3254.00	90.63	73.20	2990.22	119.78	530.87	544.11	5.08	4.10	-3.00	MWD
3284.00	89.75	75.20	2990.12	127.94	559.74	574.09	7.28	-2.93	6.67	MWD
3314.00	89.25	75.70	2990.39	135.48	588.78	604.08	2.36	-1.67	1.67	MWD
3344.00	90.38	76.70	2990.48	142.64	617.91	634.08	5.03	3.77	3.33	MWD
3374.00	91.44	77.95	2990.01	149.22	647.17	664.07	5.46	3.53	4.17	MWD
3404.00	90.79	77.56	2989.42	155.58	676.48	694.05	2.53	-2.17	-1.30	MWD
3434.00	89.31	76.20	2989.40	162.39	705.70	724.05	6.70	-4.93	-4.53	MWD
3464.00	89.69	75.95	2989.66	169.61	734.82	754.05	1.52	1.27	-0.83	MWD
3495.00	89.75	75.45	2989.81	177.27	764.86	785.05	1.62	0.19	-1.61	MWD
3525.00	90.06	75.45	2989.86	184.80	793.89	815.04	1.03	1.03	0.00	MWD
3554.00	88.31	75.45	2990.27	192.09	821.96	844.04	6.03	-6.03	0.00	MWD
3585.00	86.81	75.08	2991.59	199.96	851.91	875.01	4.98	-4.84	-1.19	MWD
3615.00	86.44	74.45	2993.36	207.83	880.81	904.94	2.43	-1.23	-2.10	MWD
3645.00	86.94	74.45	2995.09	215.86	909.66	934.88	1.67	1.67	0.00	MWD
3676.00	88.25	74.20	2996.39	224.23	939.48	965.84	4.30	4.23	-0.81	MWD
3706.00	89.06	74.20	2997.09	232.40	968.34	995.81	2.70	2.70	0.00	MWD
3736.00	87.88	75.08	2997.90	240.34	997.26	1025.79	4.91	-3.93	2.93	MWD
3767.00	86.31	74.70	2999.47	248.41	1027.15	1056.74	5.21	-5.06	-1.23	MWD
3796.00	86.50	74.20	3001.29	256.17	1055.03	1085.67	1.84	0.66	-1.72	MWD
3827.00	86.56	73.95	3003.16	264.66	1084.79	1116.60	0.83	0.19	-0.81	MWD
3859.00	87.13	74.70	3004.92	273.29	1115.55	1148.53	2.94	1.78	2.34	MWD
3891.00	88.38	75.58	3006.18	281.49	1146.45	1180.50	4.78	3.91	2.75	MWD
3922.00	89.13	76.70	3006.85	288.92	1176.54	1211.50	4.35	2.42	3.61	MWD
3953.00	89.75	77.08	3007.15	295.95	1206.73	1242.49	2.35	2.00	1.23	MWD
3984.00	88.88	77.70	3007.52	302.71	1236.98	1273.48	3.45	-2.81	2.00	MWD
4015.00	87.31	77.95	3008.55	309.25	1267.27	1304.45	5.13	-5.06	0.81	MWD
4046.00	87.44	77.58	3009.97	315.81	1297.53	1335.40	1.26	0.42	-1.19	MWD
4077.00	88.06	77.58	3011.19	322.47	1327.78	1366.37	2.00	2.00	0.00	MWD
4108.00	87.94	77.83	3012.27	329.07	1358.05	1397.34	0.89	-0.39	0.81	MWD
4139.00	86.94	78.20	3013.66	335.50	1388.35	1428.29	3.44	-3.23	1.19	MWD
4170.00	86.81	78.08	3015.35	341.86	1418.64	1459.22	0.57	-0.42	-0.39	MWD
4201.00	87.06	78.20	3017.00	348.22	1448.93	1490.16	0.89	0.81	0.39	MWD
4232.00	87.63	77.20	3018.44	354.82	1479.19	1521.12	3.71	1.84	-3.23	MWD
4263.00	87.19	77.58	3019.84	361.58	1509.41	1552.08	1.87	-1.42	1.23	MWD
4294.00	87.44	77.83	3021.29	368.18	1539.67	1583.03	1.14	0.81	0.81	MWD
4325.00	87.22	76.22	3022.74	375.13	1569.84	1613.99	5.24	-0.71	-5.19	MWD
4356.00	87.75	75.83	3024.10	382.61	1599.90	1644.96	2.12	1.71	-1.26	MWD
4387.00	87.13	74.83	3025.48	390.45	1629.85	1675.93	3.79	-2.00	-3.23	MWD
4419.00	87.50	74.83	3026.98	398.82	1660.71	1707.88	1.16	1.16	0.00	MWD
4450.00	87.31	74.45	3028.39	407.02	1690.57	1738.84	1.37	-0.61	-1.23	MWD
4483.00	87.50	74.45	3029.88	415.86	1722.33	1771.79	0.58	0.58	0.00	MWD
4514.00	88.56	73.70	3030.95	424.36	1752.12	1802.75	4.19	3.42	-2.42	MWD
4546.00	89.56	74.70	3031.47	433.07	1782.90	1834.73	4.42	3.12	3.12	MWD
4578.00	88.21	74.27	3032.09	441.63	1813.73	1866.71	4.43	-4.22	-1.34	MWD
4610.00	89.38	74.58	3032.77	450.22	1844.55	1898.69	3.78	3.66	0.97	MWD

Start
Latent



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO Energy
Field: San Juan, NM (NAD 83)
Site: Bolack B #2R
Well: #2R
Wellpath: 1

Date: 5/2/2008 Time: 09:13:39 Page: 4
Co-ordinate(NE) Reference: Site: Bolack B #2R, True North
Vertical (TVD) Reference: SITE 6679.0
Section (VS) Reference: Well (0.00N,0.00E,76.11Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4642.00	89.75	74.70	3033.01	458.69	1875.41	1930.68	1.22	1.16	0.37	MWD
4674.00	89.88	74.88	3033.11	467.09	1906.28	1962.67	0.69	0.41	0.56	MWD
4706.00	88.75	75.20	3033.49	475.35	1937.20	1994.66	3.67	-3.53	1.00	MWD
4738.00	88.94	75.45	3034.14	483.45	1968.15	2026.65	0.98	0.59	0.78	MWD
4770.00	89.56	76.33	3034.56	491.25	1999.18	2058.65	3.36	1.94	2.75	MWD
4802.00	88.69	76.58	3035.05	498.75	2030.28	2090.64	2.83	-2.72	0.78	MWD
4834.00	89.50	75.95	3035.55	506.34	2061.36	2122.64	3.21	2.53	-1.97	MWD
4866.00	90.75	76.70	3035.48	513.91	2092.46	2154.64	4.56	3.91	2.34	MWD
4929.00	88.88	75.83	3035.69	528.87	2153.65	2217.63	3.27	-2.97	-1.38	MWD
4948.00	89.06	75.83	3036.03	533.52	2172.07	2236.63	0.95	0.95	0.00	MWD
4979.00	89.19	75.95	3036.50	541.07	2202.13	2267.63	0.57	0.42	0.39	MWD
5008.00	88.63	75.83	3037.05	548.14	2230.25	2296.62	1.97	-1.93	-0.41	MWD
5039.00	88.56	76.33	3037.81	555.60	2260.33	2327.61	1.63	-0.23	1.61	MWD
5069.00	87.73	76.94	3038.78	562.53	2289.50	2357.59	3.43	-2.77	2.03	MWD
5100.00	85.88	76.95	3040.51	569.52	2319.65	2388.54	5.97	-5.97	0.03	MWD
5131.00	85.75	76.33	3042.77	576.66	2349.73	2419.46	2.04	-0.42	-2.00	MWD
5162.00	85.88	76.08	3045.04	584.03	2379.76	2450.38	0.91	0.42	-0.81	MWD
5193.00	87.19	75.83	3046.91	591.54	2409.78	2481.32	4.30	4.23	-0.81	MWD
5224.00	88.00	76.33	3048.21	598.99	2439.84	2512.29	3.07	2.61	1.61	MWD
5256.00	87.06	75.33	3049.59	606.82	2470.84	2544.26	4.29	-2.94	-3.12	MWD
5286.00	87.50	75.45	3051.01	614.38	2499.83	2574.22	1.52	1.47	0.40	MWD
5317.00	87.56	75.08	3052.35	622.26	2529.79	2605.19	1.21	0.19	-1.19	MWD
5348.00	87.81	75.33	3053.60	630.17	2559.74	2636.16	1.14	0.81	0.81	MWD
5379.00	88.15	75.29	3054.69	638.02	2589.70	2667.14	1.10	1.10	-0.13	MWD
5411.00	88.94	75.45	3055.51	646.10	2620.66	2699.13	2.52	2.47	0.50	MWD
5443.00	89.44	75.33	3055.96	654.17	2651.62	2731.12	1.61	1.56	-0.37	MWD
5474.00	87.94	76.08	3056.67	661.83	2681.65	2762.11	5.41	-4.84	2.42	MWD
5507.00	88.13	75.83	3057.80	669.83	2713.64	2795.09	0.95	0.58	-0.76	MWD
5538.00	88.44	76.08	3058.73	677.35	2743.70	2826.08	1.28	1.00	0.81	MWD
5571.00	87.94	76.33	3059.77	685.21	2775.73	2859.06	1.69	-1.52	0.76	MWD
5603.00	87.81	76.20	3060.96	692.81	2806.80	2891.04	0.57	-0.41	-0.41	MWD
5636.00	86.06	75.33	3062.72	700.91	2838.74	2923.99	5.92	-5.30	-2.64	MWD
5667.00	86.13	75.20	3064.83	708.78	2868.65	2954.91	0.48	0.23	-0.42	MWD
5700.00	86.06	74.70	3067.08	717.32	2900.44	2987.83	1.53	-0.21	-1.52	MWD
5732.00	86.36	74.36	3069.19	725.84	2931.22	3019.75	1.42	0.94	-1.06	MWD
5764.00	86.88	74.33	3071.08	734.46	2961.98	3051.68	1.63	1.62	-0.09	MWD
5796.00	87.38	74.20	3072.68	743.13	2992.74	3083.62	1.61	1.56	-0.41	MWD
5827.00	87.81	74.58	3073.98	751.46	3022.57	3114.58	1.85	1.39	1.23	MWD
5859.00	86.63	74.58	3075.54	759.96	3053.38	3146.53	3.69	-3.69	0.00	MWD
5892.00	86.88	74.70	3077.40	768.69	3085.15	3179.46	0.84	0.76	0.36	MWD
5924.00	87.13	74.20	3079.08	777.26	3115.94	3211.41	1.75	0.78	-1.56	MWD
5956.00	86.25	74.95	3080.92	785.75	3146.73	3243.34	3.61	-2.75	2.34	MWD
5988.00	86.69	74.83	3082.89	794.08	3177.57	3275.27	1.43	1.37	-0.37	MWD
6020.00	87.13	74.83	3084.62	802.44	3208.41	3307.22	1.37	1.37	0.00	MWD
6051.00	87.44	74.45	3086.09	810.64	3238.26	3338.17	1.58	1.00	-1.23	MWD
6083.00	86.94	74.58	3087.66	819.17	3269.07	3370.12	1.61	-1.56	0.41	MWD
6116.00	86.94	74.33	3089.42	828.01	3300.81	3403.06	0.76	0.00	-0.76	MWD
6148.00	88.00	74.20	3090.83	836.68	3331.58	3435.01	3.34	3.31	-0.41	MWD
6180.00	88.56	74.33	3091.79	845.35	3362.37	3466.98	1.80	1.75	0.41	MWD
6212.00	89.20	74.15	3092.42	854.04	3393.16	3498.96	2.08	2.00	-0.56	MWD
6244.00	89.06	74.70	3092.90	862.63	3423.98	3530.94	1.77	-0.44	1.72	MWD
6275.00	88.13	75.08	3093.66	870.71	3453.90	3561.92	3.24	-3.00	1.23	MWD
6305.00	86.81	76.20	3094.99	878.14	3482.93	3591.89	5.77	-4.40	3.73	MWD
6336.00	86.88	75.95	3096.69	885.59	3512.98	3622.85	0.84	0.23	-0.81	MWD



Weatherford International, Inc.

Survey Report



Company: XTO Energy
Field: San Juan, NM (NAD 83)
Site: Bolack B #2R
Well: #2R
Wellpath: 1

Date: 5/2/2008 Time: 09:13 39 Page: 5
Co-ordinate(NE) Reference: Site: Bolack B #2R, True North
Vertical (TVD) Reference: SITE 6679.0
Section (VS) Reference: Well (0.00N,0.00E,76.11Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6368.00	86.81	75.58	3098.45	893.45	3543.95	3654.80	1.18	-0.22	-1.16	MWD
6400.00	86.75	75.83	3100.25	901.34	3574.91	3686.75	0.80	-0.19	0.78	MWD
6432.00	86.44	75.58	3102.15	909.22	3605.86	3718.69	1.24	-0.97	-0.78	MWD
6464.00	86.38	74.95	3104.16	917.35	3636.75	3750.62	1.97	-0.19	-1.97	MWD
6496.00	86.75	74.70	3106.07	925.71	3667.58	3782.56	1.39	1.16	-0.78	MWD
6528.00	87.50	74.33	3107.68	934.24	3698.38	3814.50	2.61	2.34	-1.16	MWD
6560.00	87.88	74.33	3108.97	942.88	3729.16	3846.46	1.19	1.19	0.00	MWD
6592.00	88.27	74.38	3110.04	951.50	3759.96	3878.43	1.23	1.22	0.16	LAST SVY @ 6592' MD
6642.00	88.27	74.38	3111.55	964.96	3808.09	3928.38	0.00	0.00	0.00	PROJ TO BIT

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
360.00	360.00	9.625	12.250	9 5/8"
3246.31	2990.29	7.000	8.500	7"/LP
6680.00	0.00	0.000	0.000	4 1/2"

Annotation

MD ft	TVD ft	
6592.00	3110.04	LAST SVY @ 6592' MD
6642.00	3111.55	PROJ TO BIT