

30-039-26922



Scientific
Drilling

Directional Survey Certification

RE: XTO Energy Inc. Operator
Valencia Canyon #43B Well Name & No.
Rio Arriba County, NM Location
41DMWD0603161 SDI Job No.

I, Judi Moore, having personal knowledge of all the facts, hereby
certify that the attached directional survey run from a measured depth of 459 feet to a
measured depth of 6864 feet is true and correct as determined from all available records.

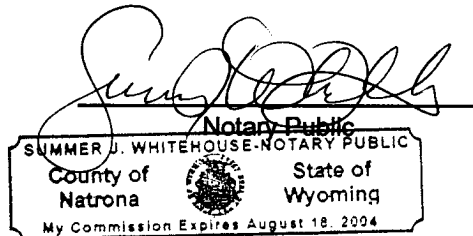
Judi Moore Well Planner SDI
Signature Title Company

State of : Wyoming }
County of : Natrona } ss

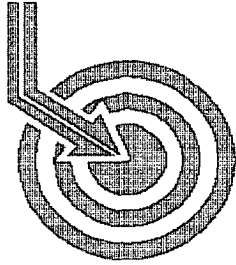


On this 10th day of July, 2003, before me personally appeared
Judi Moore to me known as the person described in and who executed the foregoing
instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal



Aug 18, 2004
My Commission Expires



**Scientific
Drilling**

DIRECTIONAL SURVEY REPORT

Prepared For

**XTO ENERGY INC.
Valencia Canyon #43B
Rio Arriba County, NM**

***Prepared By:
Judi Moore - Well Planner
Scientific Drilling International
Rocky Mountain District***

Scientific Drilling International
7237 W. Barton Rd., Casper, WY 82604
P.O. Box 1600, Mills, WY 82644
(307) 472-6621
judimoore_sdi@bresnan.net



**Scientific
Drilling**

Scientific Drilling Survey Completion Report

Company: XTO Energy Inc.	Date: 7/9/2003	Time: 13:27:11	Page: 1
Field: Rio Arriba County, NM	Co-ordinate(NE) Reference:	Site: Valencia Canyon Unit #43B	
Site: Valencia Canyon Unit #43B	Vertical (TVD) Reference:	SITE 0.0	
Well: #43B	Section (VS) Reference:	Well (0.00N,0.00E,298.59Azi)	
Wellpath: OH	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: Survey #1	Start Date: 7/3/2003
Company: Scientific Drilling	Engineer: J.Willy
Tool: MWD,	Tied-to: From Surface

Field: Rio Arriba County, NM

Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Central Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2000

Site: Valencia Canyon Unit #43B
SHL SEC.27,T28N,R04W 1525'FSL & 735'FEL
PBHL 1980'FSL & 1570'FEL

Site Position:	Northing:	ft	Latitude:
From: Lease Line	Easting:	ft	Longitude:
Position Uncertainty: 0.00 ft			North Reference: True
Ground Level: 0.00 ft			Grid Convergence: -0.59 deg

Well: #43B	Slot Name:
Well Position: +N/-S 0.00 ft Northing: 2050634.12 ft	Latitude: 36 37 54.000 N
+E/-W 0.00 ft Easting: 210250.71 ft	Longitude: 107 14 15.000 W
Position Uncertainty: 0.00 ft	

Wellpath: OH	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 6/18/2003	Above System Datum: Mean Sea Level
Field Strength: 51709 nT	Declination: 10.80 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.71 deg
ft	+E/-W
	ft
	Direction
	deg
6800.00	0.00
	0.00
	298.59

Survey

Meas Depth ft	Inclination deg	Azimuth deg	TVD ft	Vert Sect ft	N/S ft	E/W ft	DLS deg/100ft	CLen ft	CLSD ft	CLSA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
459.00	1.50	13.40	458.95	1.57	5.84	1.39	0.33	459.00	6.01	13.40
518.00	1.70	10.50	517.92	2.05	7.46	1.73	0.37	59.00	7.65	13.07
549.00	1.90	358.60	548.91	2.45	8.42	1.80	1.36	31.00	8.61	12.08
641.00	2.90	348.90	640.83	4.70	12.23	1.32	1.17	92.00	12.30	6.14
763.00	4.00	345.90	762.60	9.55	19.39	-0.31	0.91	122.00	19.39	359.07
826.00	4.90	340.40	825.41	13.05	24.05	-1.75	1.58	63.00	24.12	355.83
888.00	5.00	328.90	887.18	17.35	28.86	-4.04	1.61	62.00	29.14	352.04
951.00	5.90	323.70	949.90	22.66	33.82	-7.37	1.63	63.00	34.61	347.70
1014.00	6.50	316.00	1012.53	28.99	39.00	-11.77	1.63	63.00	40.73	343.21
1075.00	6.70	309.80	1073.13	35.77	43.76	-16.90	1.21	61.00	46.91	338.89
1167.00	6.30	291.10	1164.55	46.05	49.01	-25.73	2.33	92.00	55.35	332.30
1259.00	7.92	287.00	1255.84	57.26	52.68	-36.50	1.84	92.00	64.09	325.28
1352.00	8.20	286.80	1347.92	70.03	56.47	-48.98	0.30	93.00	74.75	319.06
1446.00	8.70	284.90	1440.90	83.50	60.24	-62.27	0.61	94.00	86.64	314.05
1540.00	8.30	289.70	1533.87	97.11	64.35	-75.53	0.87	94.00	99.22	310.43
1634.00	8.40	289.90	1626.87	110.60	68.98	-88.37	0.11	94.00	112.10	307.97
1728.00	8.80	293.50	1719.81	124.55	74.18	-101.42	0.71	94.00	125.65	306.18
1822.00	9.40	292.40	1812.63	139.34	79.97	-115.11	0.66	94.00	140.16	304.79
1916.00	10.00	291.10	1905.29	155.07	85.84	-129.82	0.68	94.00	155.63	303.47
2011.00	10.60	291.00	1998.75	171.91	91.94	-145.67	0.63	95.00	172.26	302.26
2141.00	9.80	286.10	2126.70	194.56	99.29	-167.47	0.91	130.00	194.69	300.66
2225.00	9.20	294.50	2209.55	208.24	104.06	-180.45	1.80	84.00	208.30	299.97
2286.00	9.90	294.60	2269.71	218.33	108.26	-189.65	1.15	61.00	218.38	299.72



**Scientific
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Scientific Drilling Survey Completion Report

Company: XTO Energy Inc.
Field: Rio Arriba County, NM
Site: Valencia Canyon Unit #43B
Well: #43B
Wellpath: OH

Date: 7/9/2003 **Time:** 13:27:11 **Page:** 2
Co-ordinate(NE) Reference: Site: Valencia Canyon Unit #43B
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,298.59Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

Meas Depth ft	Inclination deg	Azimuth deg	TVD ft	Vert Sect ft	N/S ft	E/W ft	DLS deg/100ft	CLen ft	CLSD ft	CLSA deg
2380.00	10.20	302.60	2362.27	234.70	116.11	-204.01	1.52	94.00	234.74	299.65
2474.00	9.80	300.50	2454.84	251.00	124.66	-217.92	0.58	94.00	251.05	299.77
2570.00	10.60	300.60	2549.32	267.99	133.30	-232.56	0.83	96.00	268.05	299.82
2660.00	10.20	300.20	2637.85	284.23	141.52	-246.57	0.45	90.00	284.30	299.85
2752.00	8.80	291.30	2728.59	299.35	148.17	-260.17	2.20	92.00	299.40	299.66
2877.00	8.60	291.90	2852.15	318.12	155.13	-277.75	0.18	125.00	318.13	299.19
2970.00	8.40	293.60	2944.13	331.79	160.45	-290.42	0.35	93.00	331.80	298.92
3004.00	8.80	295.30	2977.74	336.86	162.55	-295.05	1.39	34.00	336.86	298.85
3094.00	9.50	301.30	3066.60	351.15	169.35	-307.62	1.31	90.00	351.16	298.83
3187.00	9.20	297.90	3158.37	366.25	176.82	-320.75	0.68	93.00	366.26	298.87
3280.00	9.10	298.70	3250.18	381.04	183.83	-333.77	0.17	93.00	381.05	298.84
3311.00	8.80	299.40	3280.80	385.86	186.17	-337.99	1.03	31.00	385.87	298.85
3404.00	9.10	301.00	3372.67	400.33	193.45	-350.49	0.42	93.00	400.33	298.90
3466.00	9.70	303.50	3433.84	410.43	198.86	-359.05	1.17	62.00	410.44	298.98
3559.00	10.20	302.30	3525.44	426.45	207.58	-372.54	0.58	93.00	426.47	299.13
3683.00	10.60	299.70	3647.40	448.81	219.10	-391.73	0.50	124.00	448.84	299.22
3810.00	10.30	300.00	3772.30	471.84	230.57	-411.71	0.24	127.00	471.87	299.25
3910.00	11.30	301.00	3870.52	490.57	240.08	-427.85	1.02	100.00	490.60	299.30
4036.00	10.30	288.00	3994.31	513.98	249.92	-449.15	2.08	126.00	514.00	299.09
4158.00	10.00	291.00	4114.40	535.20	257.09	-469.41	0.50	122.00	535.20	298.71
4284.00	9.60	294.00	4238.56	556.52	265.28	-489.22	0.51	126.00	556.52	298.47
4409.00	9.70	300.00	4361.80	577.43	274.79	-507.86	0.81	125.00	577.44	298.42
4532.00	9.50	301.00	4483.08	597.93	285.20	-525.54	0.21	123.00	597.93	298.49
4657.00	10.00	306.00	4606.27	619.00	296.89	-543.16	0.79	125.00	619.00	298.66
4783.00	8.50	299.00	4730.63	639.16	307.83	-560.16	1.49	126.00	639.17	298.79
4907.00	9.00	298.00	4853.19	658.03	316.83	-576.73	0.42	124.00	658.03	298.78
4937.00	9.00	297.00	4882.82	662.72	319.00	-580.90	0.52	30.00	662.72	298.77
5030.00	8.75	296.00	4974.71	677.06	325.40	-593.74	0.32	93.00	677.06	298.73
5123.00	9.00	312.00	5066.61	691.20	333.37	-605.50	2.66	93.00	691.21	298.84
5188.00	9.30	305.00	5130.78	701.37	339.79	-613.58	1.77	65.00	701.38	298.98
5370.00	9.00	301.00	5310.47	730.20	355.55	-637.83	0.39	182.00	730.24	299.14
5633.00	8.70	299.00	5570.34	770.65	375.79	-672.86	0.16	263.00	770.69	299.18
6067.00	8.40	302.00	5999.52	835.11	408.50	-728.45	0.12	434.00	835.18	299.28
6409.00	10.20	301.00	6337.01	890.31	437.34	-775.60	0.53	342.00	890.40	299.42
6774.00	14.00	299.00	6693.83	966.78	475.40	-841.94	1.05	365.00	966.89	299.45
6864.00	14.00	299.00	6781.16	988.55	485.96	-860.98	0.00	90.00	988.66	299.44

Annotation

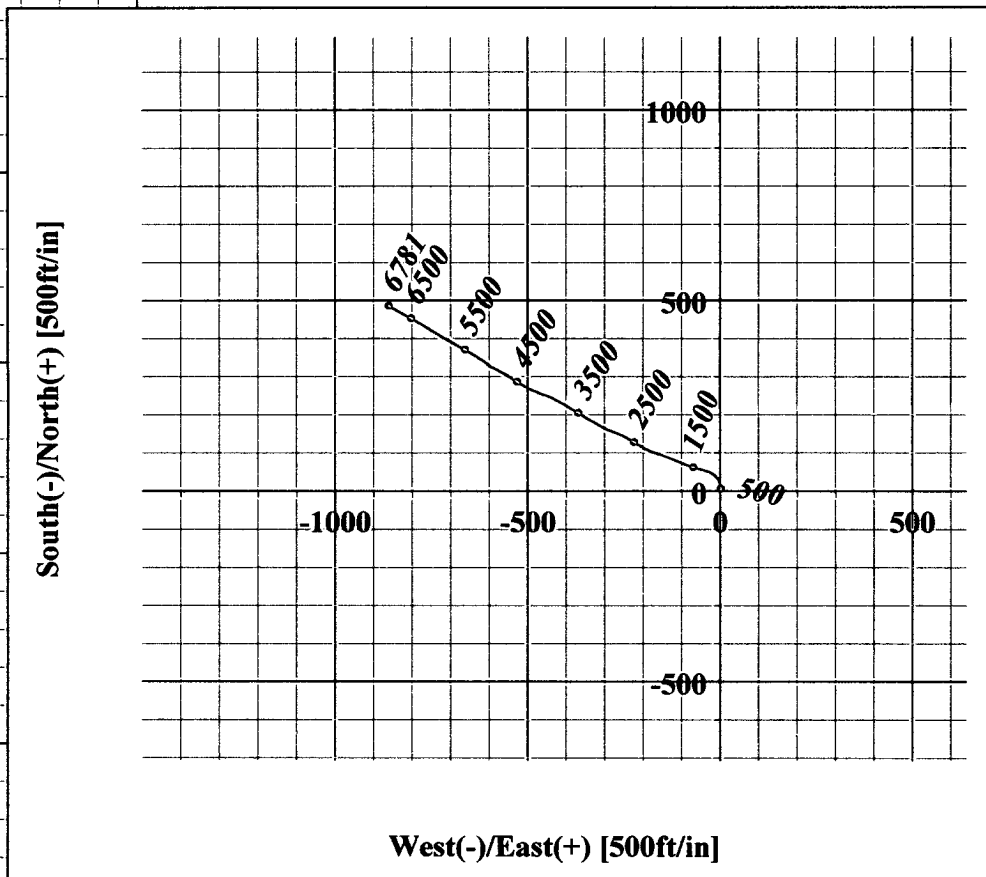
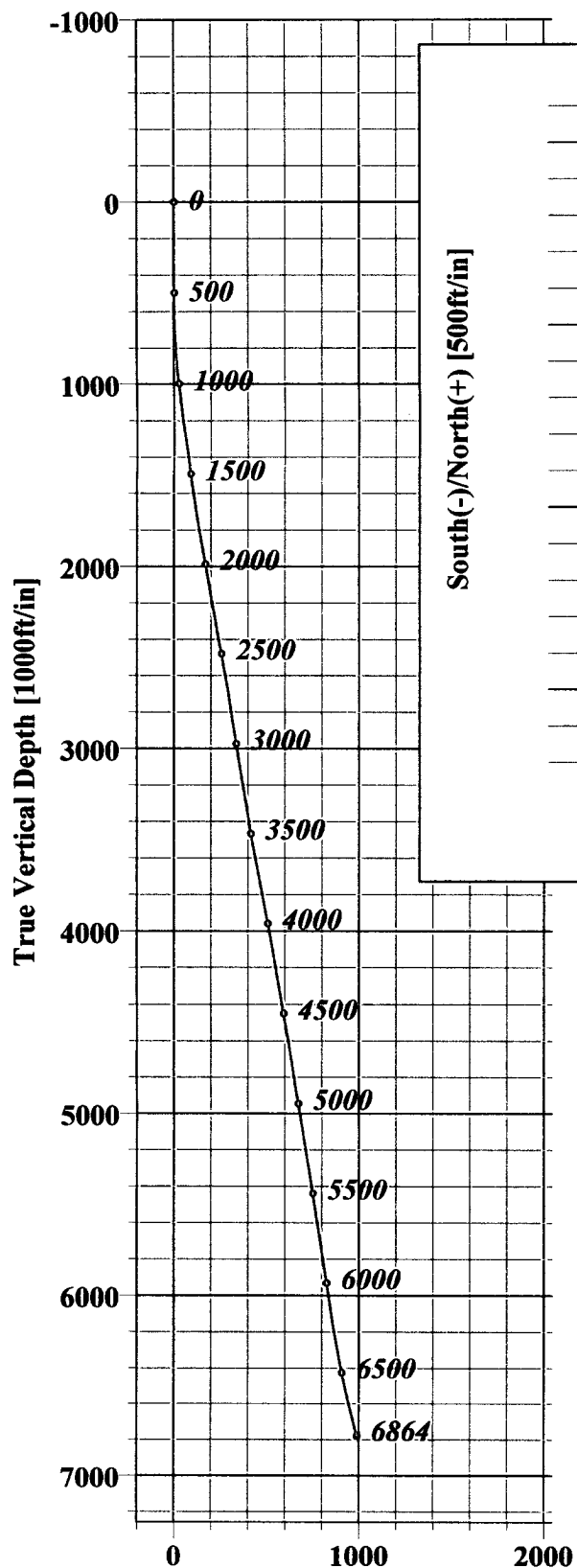
MD ft	TVD ft	
6864.00	6781.16	Survey is a projection to TD



Scientific
Drilling

XTO Energy Inc.

Field: Rio Arriba County, NM
Site: Valencia Canyon Unit #43B
Well: #43B
Wellpath: OH
Survey: Survey #1



BOTTOM HOLE CLOSURE
(Survey @ 6864' MD is a projection to TD)

988.66 ft. 299.44° Azimuth

FINAL STATION
(Survey @ 6864' MD is a projection to TD)

6864.0' MD 6781.16' TVD
14.0° Angle 299.0° Azimuth
North 485.96 ft. West 860.98 ft.
988.55' Vert. Sec.

Survey: Survey #1 (#43B/OH)

Created By: Judi Moore

Date: 7/9/2003