



Scientific
Drilling

Directional Survey Certification

RE: XTO Energy Inc. Operator
Federal Gas Com "1" #3 Well Name & No.
San Juan County, NM Location
41DMP0704304 SDI Job No.

30-045-32304

I, Judi Moore, having personal knowledge of all the facts, hereby
 certify that the attached directional survey run from a measured depth of 235 feet to a
 measured depth of 2218.2 feet is true and correct as determined from all available records.

Judi Moore
 Signature

Well Planner
 Title

Scientific Drilling International
 Company

Surface: 1090/N 665/W
 B/L 1080/N 678/W

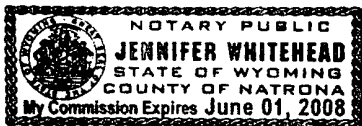
State of : Wyoming }
 County of : Natrona } ss

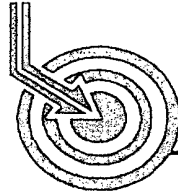
On this 31st day of August, 2004, before me personally appeared
Judi Moore to me known as the person described in and who executed the foregoing
 instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Jennifer Whitehead
 Notary Public

June 1, 2008
 My Commission Expires





Scientific Drilling
Rocky Mountain Operations

DIRECTIONAL SURVEY REPORT

Prepared For

**XTO ENERGY INC.
Federal Gas Com "1" #3
San Juan County, NM**

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

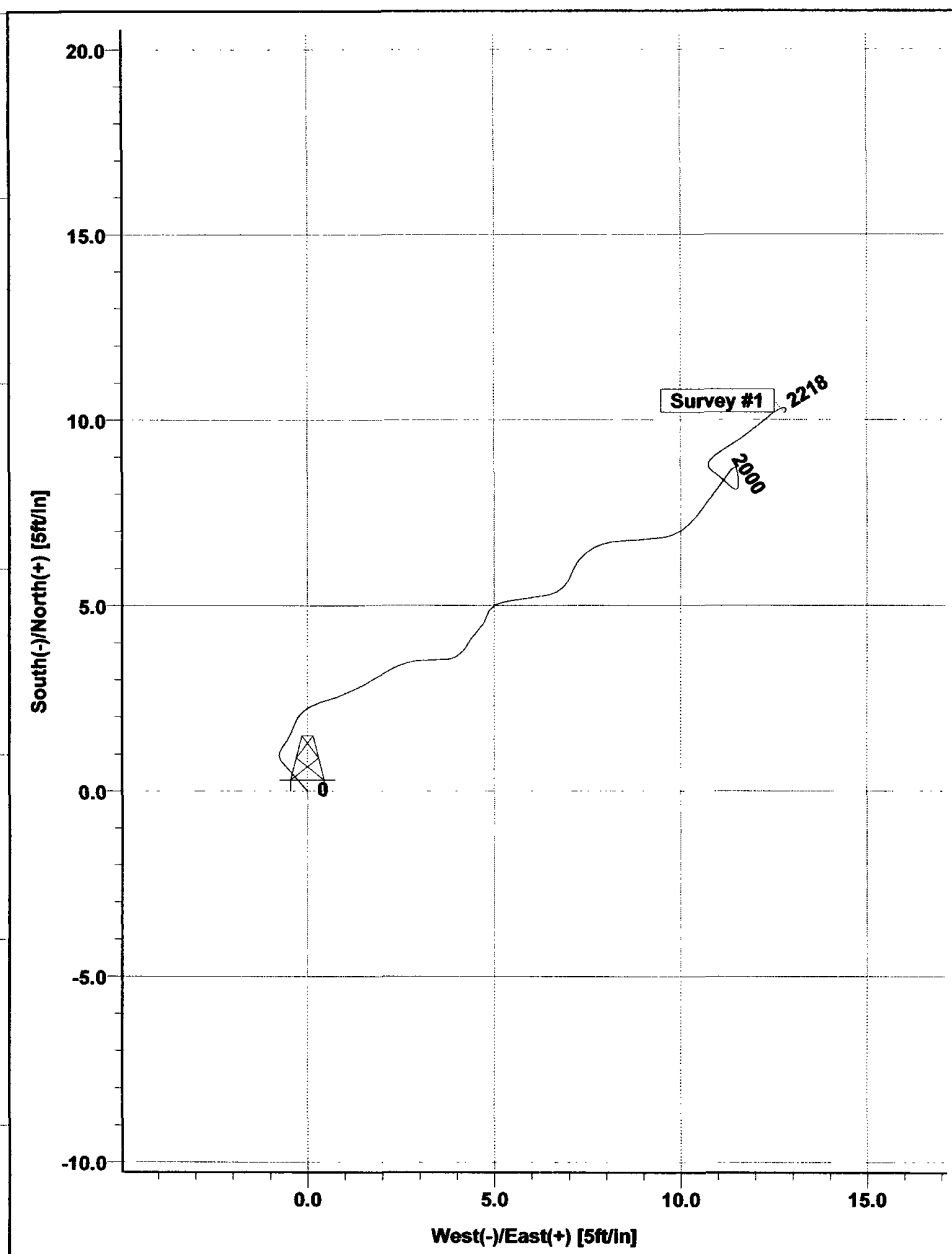
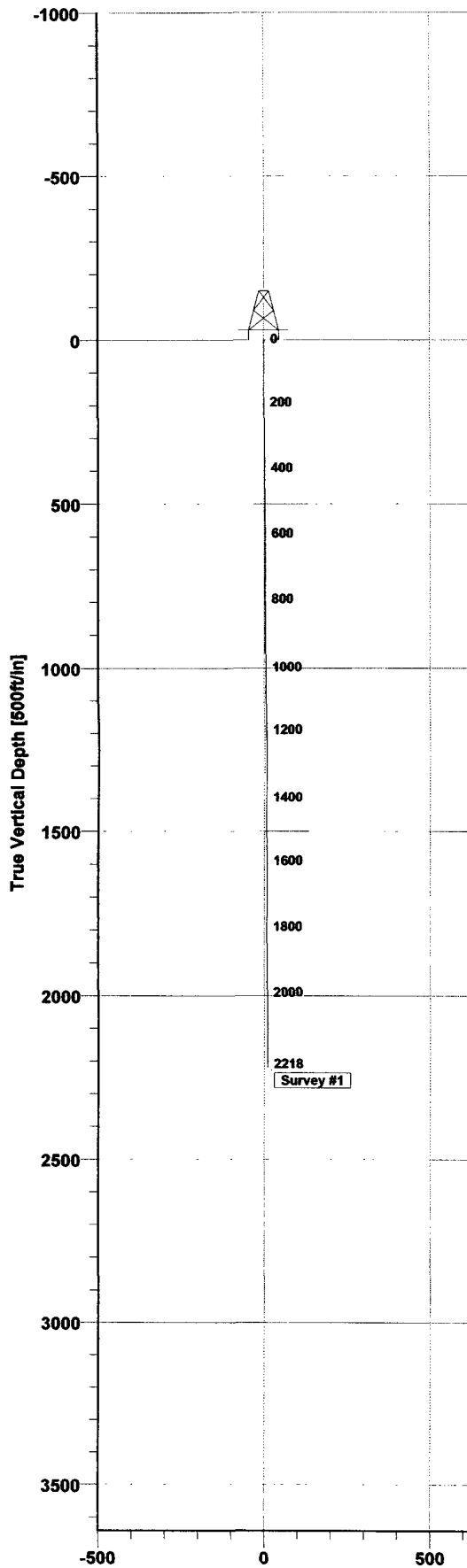
Scientific Drilling International
7237 W. Barton Rd., Casper, WY 82604
P.O. Box 1600, Mills, WY 82644
(307) 472-6621
judim@sdicasper.com



Scientific Drilling
Rocky Mountain Operations

Field: San Juan County, NM
Site: Federal Gas Corn "1" #3
Well: #3
Wellpath: OH
Survey: Survey #1

XTO Energy Inc.



Survey: Survey #1 (#3/OH)	
Created By: Judi Moore	Date: 08/31/2004
BOTTOM HOLE CLOSURE	
16.36 ft. 51.44° Azimuth	

Vertical Section at 0.00° [500ft/in]

Scientific Drilling

Survey Completion Report

Company: XTO Energy Inc.	Date: 08/31/2004	Time: 12:03:46	Page: 1
Field: San Juan County, NM	Co-ordinate(NE) Reference: Site: Federal Gas Com "1" #3, True North		
Site: Federal Gas Com "1" #3	Vertical (TVD) Reference: SITE 0.0		
Well: #3	Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)		
Wellpath: OH	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Survey #1	Start Date: 08/07/2004
Company: Scientific Drilling	Engineer: B.Bayer/Eiserman
Tool: MWD;	Tied-to: From Surface

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

Site: Federal Gas Com "1" #3 SHL SEC.20,T32N,R12W 1090'FNL & 665'FWL	
Site Position:	Northings: ft
From: Lease Line	Easting: ft
Position Uncertainty: 0.00 ft	Latitude:
Ground Level: 0.00 ft	Longitude:
	North Reference: True
	Grid Convergence: -0.18 deg

Well: #3	Slot Name:
Well Position: +N/-S 0.00 ft	Northings: 2174601.75 ft
+E/-W 0.00 ft	Easting: 414882.98 ft
Position Uncertainty: 0.00 ft	Latitude: 36 58 33.000 N
	Longitude: 108 7 29.000 W

Wellpath: OH	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 06/29/2004	Above System Datum: Mean Sea Level
Field Strength: 51697 nT	Declination: 11.16 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.81 deg
ft	+N/-S
	+E/-W
	ft
	Direction
	deg
2350.00	0.00
	0.00
	0.00

Survey										
Meas Depth	Inclination	Azimuth	TVD	Vert Sect	N/S	E/W	DLS	CLen	CLSD	CLSA
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235.00	0.50	319.30	235.00	0.78	0.78	-0.67	0.21	235.00	1.03	319.30
295.00	0.50	37.90	295.00	1.18	1.18	-0.68	1.06	60.00	1.36	330.15
375.00	0.60	19.00	374.99	1.85	1.85	-0.33	0.26	80.00	1.88	349.97
455.00	1.00	73.90	454.98	2.44	2.44	0.48	1.02	80.00	2.49	11.10
535.00	1.20	58.40	534.97	3.08	3.08	1.86	0.45	80.00	3.60	31.21
616.00	0.62	89.00	615.96	3.53	3.53	3.02	0.91	81.00	4.65	40.60
696.00	0.44	84.80	695.96	3.56	3.56	3.76	0.23	80.00	5.18	46.56
776.00	0.53	30.10	775.95	3.91	3.91	4.25	0.57	80.00	5.78	47.40
836.00	0.40	44.10	835.95	4.30	4.30	4.54	0.29	60.00	6.25	46.54
917.00	0.40	18.20	916.95	4.77	4.77	4.82	0.22	81.00	6.79	45.30
997.00	0.60	80.60	996.95	5.11	5.11	5.32	0.68	80.00	7.38	46.19
1098.00	0.60	80.90	1097.94	5.28	5.28	6.37	0.00	101.00	8.27	50.35
1199.00	0.60	19.30	1198.94	5.86	5.86	7.07	0.61	101.00	9.18	50.33
1279.00	0.60	56.30	1278.93	6.49	6.49	7.55	0.48	80.00	9.96	49.34
1359.00	0.70	87.20	1358.93	6.74	6.74	8.39	0.45	80.00	10.76	51.20
1439.00	0.80	84.10	1438.92	6.83	6.83	9.43	0.13	80.00	11.64	54.11
1520.00	0.97	38.80	1519.91	7.42	7.42	10.42	0.86	81.00	12.79	54.57
1600.00	0.79	34.90	1599.90	8.40	8.40	11.16	0.24	80.00	13.97	53.05
1680.00	0.30	169.30	1679.90	8.64	8.64	11.52	1.28	80.00	14.40	53.11
1760.00	0.30	183.80	1759.90	8.23	8.23	11.54	0.09	80.00	14.18	54.52
1841.00	0.40	312.80	1840.90	8.21	8.21	11.32	0.78	81.00	13.99	54.05
1922.00	0.50	309.10	1921.90	8.63	8.63	10.84	0.13	81.00	13.85	51.49
2002.00	0.90	59.40	2001.89	9.17	9.17	11.11	1.46	80.00	14.40	50.48

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Wellpath: OH	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
2082.00	1.00	49.60	2081.88	9.94	9.94	12.18	0.24	80.00	15.72	50.80
2183.00	0.30	184.70	2182.88	10.25	10.25	12.83	1.22	101.00	16.42	51.40
2218.20	0.18	328.90	2218.08	10.20	10.20	12.80	1.30	35.20	16.36	51.44