



TABULATION OF DEVIATION TESTS

XTO Energy Inc.



This well was drilled with directional drilling tools. The report from Scientific Drilling is attached.

**The final bottomhole location per the deviation report is @
1,700' FNL & 745' FEL in Sec 17, T27N, R08W**

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above survey details the deviation tests taken on XTO ENERGY INC'S

**Florance "D" #10B in Section 17, T27N, R08W,
API #30-045-31086**

San Juan County, New Mexico.

Surface: 415/N 600/E

Signed

Printed Name

Title

Jeffrey W. Patton 10/2/02
Jeffrey W. Patton

Drilling Engineer

THE STATE OF NEW MEXICO)

) SS.

COUNTY OF SAN JUAN)

BEFORE ME, the undersigned authority, on this day personally, Jeffrey W. Patton, known to me to be Drilling Engineer for XTO Energy Inc and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN to before me, a Notary Public in and for said County and State this 21st day of October, 2002.

Notary Public

My Commission Expires:
S:\Forms\Deviation Tests

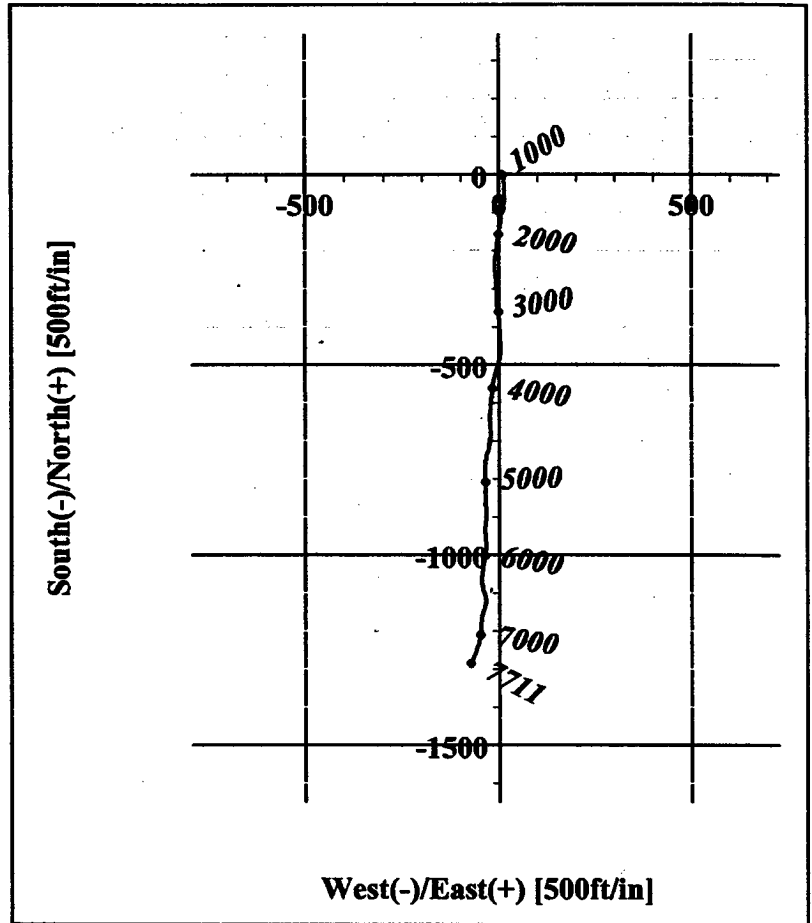
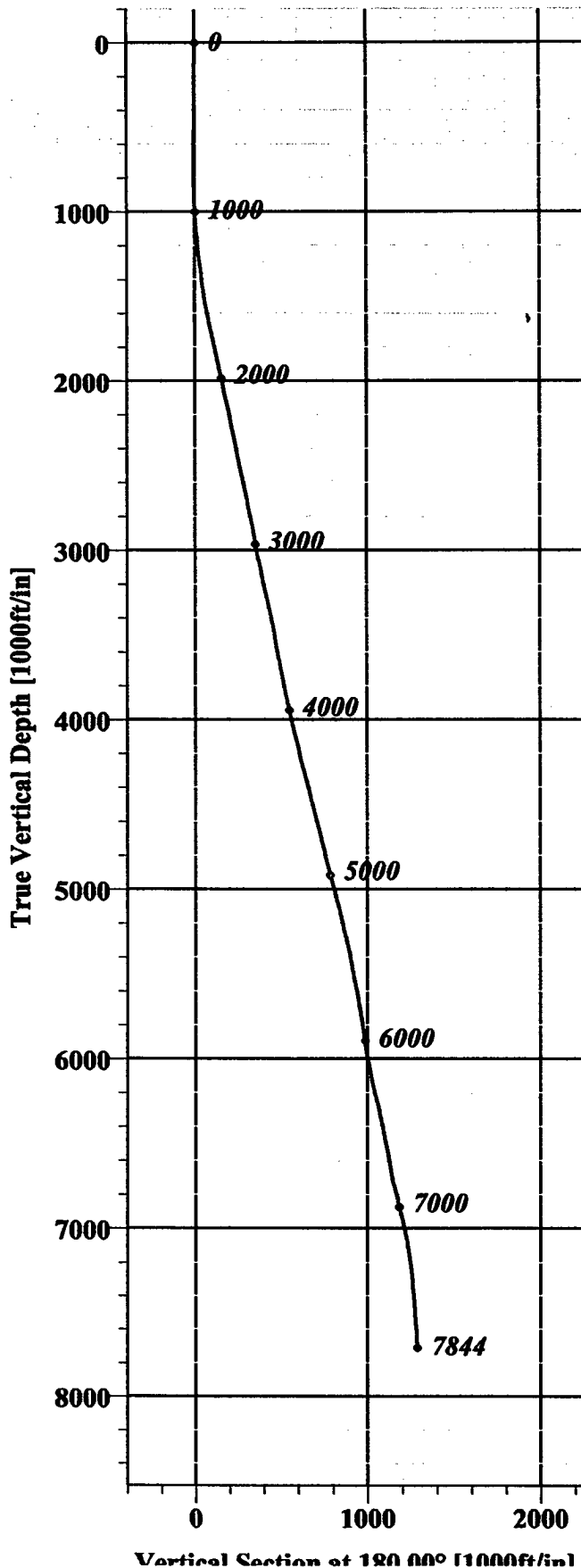
9-1-2004



Scientific
Drilling

XTO Energy Inc.

Field: San Juan County, NM
Site: Florance D 10B
Well: #10B
Wellpath: OH
Survey: Survey #1



BOTTOM HOLE CLOSURE

1287.13 ft. 183.36° Azimuth

FINAL STATION

7844.0' MD 7711.0' TVD
3.8° Angle 208.0° Azimuth
South 1284.92 ft. West 75.43 ft.
1284.92' Vert. Sec.

Survey: Survey #1 (#10B/OH)

Created By: Judi Moore

Date: 10/16/2002



Scientific Drilling Survey Completion Report

Company: XTO Energy Inc.	Date: 10/16/2002	Time: 16:20:18	Page: 1
Field: San Juan County, NM	Co-ordinate(NE) Reference:	Site: Florance D 10B, True North	
Site: Florance D 10B	Vertical (TVD) Reference:	SITE 0.0	
Well: #10B	Section (VS) Reference:	Well (0.00N,0.00E,180.00Azi)	
Wellpath: OH	Survey Calculation Method:	Minimum Curvature Db: Sybase	

Survey: Survey #1	Start Date: 10/14/2002
Company: Scientific Drilling	Engineer: J. Willy/J. Bayert
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: Florance D 10B
SHL SEC.17,T27N,R8W 415'FNL & 670'FEL
PBHL 1360'FNL & 670'FNL

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: 0.08 deg

Well: #10B	Slot Name:
Well Position: +N-S 0.00 ft Northing: 2030701.14 ft	Latitude: 36 34 51.000 N
+E-W 0.00 ft Easting: 539718.95 ft	Longitude: 107 41 53.000 W
Position Uncertainty: 0.00 ft	

Wellpath: OH	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 8/27/2002	Above System Datum: Mean Sea Level
Field Strength: 51675 nT	Declination: 11.03 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.58 deg
ft	+E/-W Direction deg
5750.00	0.00 0.00 180.00

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
494.00	1.10	8.60	493.97	-4.69	4.69	0.71	0.22	494.00	4.74	8.60
546.00	0.90	16.30	545.96	-5.57	5.57	0.90	0.46	52.00	5.65	9.16
670.00	0.20	181.50	669.96	-6.29	6.29	1.17	0.88	124.00	6.40	10.50
744.00	0.40	94.70	743.96	-6.14	6.14	1.42	0.59	74.00	6.30	13.02
787.00	1.10	124.20	786.95	-5.90	5.90	1.91	1.81	43.00	6.20	17.95
838.00	1.90	129.90	837.94	-5.08	5.08	2.96	1.59	51.00	5.88	30.26
869.00	2.10	129.20	868.92	-4.39	4.39	3.80	0.65	31.00	5.81	40.86
889.00	2.50	133.70	888.90	-3.86	3.86	4.40	2.19	20.00	5.85	48.74
938.00	2.60	137.20	937.85	-2.31	2.31	5.93	0.38	49.00	6.36	68.75
966.00	3.00	143.20	965.82	-1.25	1.25	6.80	1.77	28.00	6.91	79.56
995.00	3.20	146.40	994.78	0.03	-0.03	7.70	0.91	29.00	7.70	90.22
1025.00	3.70	153.40	1024.72	1.59	-1.59	8.60	2.18	30.00	8.74	100.50
1056.00	4.00	160.40	1055.65	3.51	-3.51	9.41	1.80	31.00	10.04	110.44
1087.00	4.60	171.00	1086.56	5.75	-5.75	9.96	3.20	31.00	11.50	120.00
1118.00	4.80	171.50	1117.46	8.26	-8.26	10.35	0.66	31.00	13.24	128.60
1158.00	5.20	171.00	1157.31	11.71	-11.71	10.88	1.01	40.00	15.98	137.10
1189.00	6.20	174.20	1188.15	14.76	-14.76	11.27	3.38	31.00	18.57	142.64
1284.00	6.60	174.50	1282.56	25.30	-25.30	12.31	0.42	95.00	28.14	154.05
1317.00	6.90	177.20	1315.33	29.17	-29.17	12.59	1.32	33.00	31.77	156.65
1348.00	7.10	178.20	1346.10	32.94	-32.94	12.74	0.76	31.00	35.32	158.85
1380.00	7.80	178.50	1377.83	37.09	-37.09	12.86	2.19	32.00	39.26	160.88
1412.00	8.10	176.90	1409.52	41.51	-41.51	13.04	1.16	32.00	43.51	162.56
1443.00	8.50	178.30	1440.20	45.98	-45.98	13.22	1.45	31.00	47.85	163.95



Scientific Drilling Survey Completion Report

Company: XTO Energy Inc.	Date: 10/16/2002	Time: 16:20:18	Page: 2
Field: San Juan County, NM	Co-ordinate(NE) Reference:	Site: Florance D 10B, True North	
Site: Florance D 10B	Vertical (TVD) Reference:	SITE 0.0	
Well: #10B	Section (VS) Reference:	Well (0.00N,0.00E,180.00Azi)	
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	CLD ft	CLa deg
1473.00	9.00	180.30	1469.85	50.54	-50.54	13.28	1.95	30.00	52.26	165.28
1505.00	9.30	180.70	1501.44	55.63	-55.63	13.23	0.96	32.00	57.18	166.62
1535.00	9.60	182.60	1531.04	60.56	-60.56	13.09	1.44	30.00	61.95	167.80
1566.00	9.90	184.90	1561.59	65.79	-65.79	12.75	1.59	31.00	67.02	169.04
1597.00	10.10	187.10	1592.12	71.15	-71.15	12.18	1.39	31.00	72.18	170.28
1629.00	10.50	189.00	1623.60	76.81	-76.81	11.38	1.64	32.00	77.65	171.57
1660.00	10.90	190.90	1654.06	82.48	-82.48	10.38	1.72	31.00	83.13	172.82
1690.00	11.50	190.60	1683.49	88.20	-88.20	9.30	2.01	30.00	88.69	173.98
1718.00	12.00	190.60	1710.90	93.81	-93.81	8.25	1.79	28.00	94.17	174.98
1749.00	12.40	189.90	1741.20	100.25	-100.25	7.08	1.38	31.00	100.50	175.96
1845.00	12.80	189.40	1834.89	120.90	-120.90	3.57	0.43	96.00	120.95	178.31
1906.00	12.60	187.80	1894.40	134.16	-134.16	1.57	0.66	61.00	134.17	179.33
1970.00	12.10	188.80	1956.92	147.70	-147.70	-0.41	0.85	64.00	147.70	180.16
2029.00	12.40	188.70	2014.58	160.08	-160.08	-2.31	0.51	59.00	160.09	180.83
2092.00	12.10	188.50	2076.14	173.29	-173.29	-4.31	0.48	63.00	173.35	181.42
2154.00	12.20	188.40	2136.75	186.20	-186.20	-6.23	0.16	62.00	186.30	181.92
2217.00	11.60	186.70	2198.40	199.08	-199.08	-7.94	1.10	63.00	199.23	182.28
2283.00	11.60	187.90	2263.05	212.24	-212.24	-9.63	0.37	66.00	212.46	182.60
2344.00	11.20	183.10	2322.85	224.23	-224.23	-10.79	1.69	61.00	224.49	182.75
2407.00	11.30	179.80	2384.64	236.51	-236.51	-11.10	1.03	63.00	236.77	182.69
2470.00	11.20	177.30	2446.43	248.79	-248.79	-10.79	0.79	63.00	249.03	182.48
2532.00	11.30	177.10	2507.24	260.88	-260.88	-10.20	0.17	62.00	261.08	182.24
2595.00	12.20	175.60	2568.92	273.68	-273.68	-9.37	1.51	63.00	273.84	181.96
2656.00	12.50	176.30	2628.50	286.69	-286.69	-8.45	0.55	61.00	286.82	181.69
2718.00	12.00	176.60	2689.09	299.82	-299.82	-7.64	0.81	62.00	299.92	181.46
2783.00	11.30	177.50	2752.75	312.93	-312.93	-6.96	1.11	65.00	313.01	181.27
2843.00	10.50	179.60	2811.67	324.27	-324.27	-6.67	1.49	60.00	324.34	181.18
2904.00	9.90	177.70	2871.71	335.07	-335.07	-6.42	1.13	61.00	335.13	181.10
2964.00	10.40	170.60	2930.77	345.56	-345.56	-5.32	2.24	60.00	345.60	180.88
3026.00	11.40	169.80	2991.65	357.12	-357.12	-3.33	1.63	62.00	357.13	180.53
3057.00	11.70	171.20	3022.02	363.24	-363.24	-2.30	1.32	31.00	363.24	180.36
3120.00	11.90	174.60	3083.69	376.02	-376.02	-0.71	1.15	63.00	376.02	180.11
3182.00	12.30	179.40	3144.32	388.98	-388.98	-0.04	1.75	62.00	388.98	180.01
3329.00	12.90	178.70	3287.78	421.05	-421.05	0.49	0.42	147.00	421.05	179.93
3423.00	12.10	172.60	3379.55	441.31	-441.31	2.00	1.64	94.00	441.31	179.74
3516.00	10.00	181.00	3470.83	459.05	-459.05	3.12	2.84	93.00	459.06	179.61
3609.00	9.80	190.60	3562.45	474.90	-474.90	1.52	1.79	93.00	474.91	179.82
3641.00	10.00	195.70	3593.97	480.26	-480.26	0.27	2.81	32.00	480.26	179.97
3703.00	12.40	194.00	3654.79	491.90	-491.90	-2.80	3.91	62.00	491.91	180.33
3733.00	11.60	194.30	3684.13	497.95	-497.95	-4.33	2.67	30.00	497.97	180.50
3765.00	10.60	196.60	3715.53	503.89	-503.89	-5.96	3.42	32.00	503.92	180.68
3796.00	10.50	195.10	3746.01	509.35	-509.35	-7.51	0.94	31.00	509.40	180.84
3820.00	11.00	191.60	3769.59	513.70	-513.70	-8.54	3.43	24.00	513.77	180.95
3890.00	11.80	191.10	3838.21	527.27	-527.27	-11.26	1.15	70.00	527.39	181.22
3921.00	12.30	192.90	3868.52	533.59	-533.59	-12.61	2.02	31.00	533.74	181.35
3953.00	12.00	192.90	3899.81	540.16	-540.16	-14.11	0.94	32.00	540.34	181.50
4015.00	11.70	192.30	3960.49	552.58	-552.58	-16.89	0.52	62.00	552.84	181.75
4047.00	12.70	187.70	3991.76	559.24	-559.24	-18.05	4.36	32.00	559.53	181.85
4142.00	13.60	185.10	4084.27	580.71	-580.71	-20.45	1.13	95.00	581.07	182.02
4205.00	13.70	183.60	4145.49	595.54	-595.54	-21.57	0.58	63.00	595.93	182.07
4233.00	13.20	185.10	4172.72	602.03	-602.03	-22.07	2.18	28.00	602.44	182.10
4274.00	12.90	183.60	4212.67	611.26	-611.26	-22.77	1.10	41.00	611.69	182.13



Scientific Drilling Survey Completion Report

Company: XTO Energy Inc.
Field: San Juan County, NM
Site: Florance D 10B
Well: #10B
Wellpath: OH

Date: 10/16/2002 Time: 16:20:18 Page: 3
Co-ordinate(NE) Reference: Site: Florance D 10B, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
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	ChD ft	ChA deg
4331.00	14.20	184.40	4268.08	624.58	-624.58	-23.71	2.30	57.00	625.03	182.17
4361.00	14.60	182.30	4297.14	632.03	-632.03	-24.14	2.19	30.00	632.49	182.19
4422.00	13.70	180.00	4356.28	646.94	-646.94	-24.45	1.74	61.00	647.40	182.16
4486.00	14.10	177.00	4418.41	662.30	-662.30	-24.04	1.29	64.00	662.74	182.08
4549.00	13.90	178.70	4479.54	677.53	-677.53	-23.47	0.73	63.00	677.93	181.98
4672.00	13.70	190.90	4599.01	706.61	-706.61	-25.89	2.37	123.00	707.08	182.10
4737.00	14.50	195.50	4662.06	722.01	-722.01	-29.52	2.12	65.00	722.61	182.34
4797.00	14.50	193.10	4720.15	736.56	-736.56	-33.23	1.00	60.00	737.31	182.58
4860.00	14.00	186.10	4781.21	751.82	-751.82	-35.82	2.85	63.00	752.68	182.73
4892.00	14.10	183.60	4812.26	759.56	-759.56	-36.48	1.92	32.00	760.44	182.75
4955.00	14.60	183.00	4873.29	775.15	-775.15	-37.38	0.83	63.00	776.05	182.76
5018.00	14.10	178.40	4934.33	790.75	-790.75	-37.58	1.98	63.00	791.64	182.72
5125.00	13.30	177.10	5038.28	816.07	-816.07	-36.59	0.80	107.00	816.89	182.57
5144.00	14.00	178.00	5056.75	820.55	-820.55	-36.40	3.85	19.00	821.36	182.54
5205.00	13.70	180.10	5115.97	835.15	-835.15	-36.16	0.96	61.00	835.93	182.48
5268.00	13.60	179.80	5177.19	850.02	-850.02	-36.14	0.19	63.00	850.78	182.43
5330.00	14.20	177.60	5237.38	864.90	-864.90	-35.80	1.29	62.00	865.64	182.37
5396.00	13.30	177.20	5301.49	880.57	-880.57	-35.09	1.37	66.00	881.27	182.28
5486.00	10.80	183.80	5389.50	899.33	-899.33	-35.14	3.17	90.00	900.02	182.24
5516.00	10.20	184.90	5419.00	904.78	-904.78	-35.56	2.11	30.00	905.48	182.25
5579.00	10.50	185.00	5480.97	916.06	-916.06	-36.53	0.48	63.00	916.79	182.28
5642.00	11.10	183.00	5542.86	927.83	-927.83	-37.35	1.12	63.00	928.59	182.31
5706.00	10.70	177.20	5605.70	939.92	-939.92	-37.38	1.82	64.00	940.66	182.28
5767.00	10.20	175.00	5665.69	950.96	-950.96	-36.64	1.05	61.00	951.66	182.21
5829.00	9.50	175.00	5726.78	961.52	-961.52	-35.71	1.13	62.00	962.19	182.13
5891.00	8.00	177.00	5788.05	970.93	-970.93	-35.04	2.47	62.00	971.56	182.07
5984.00	7.40	185.10	5880.22	983.36	-983.36	-35.23	1.33	93.00	983.99	182.05
6043.00	8.50	191.50	5938.65	991.42	-991.42	-36.44	2.39	59.00	992.09	182.11
6105.00	10.50	188.10	5999.80	1001.50	-1001.50	-38.15	3.35	62.00	1002.23	182.18
6229.00	12.10	190.10	6121.39	1025.48	-1025.48	-42.02	1.33	124.00	1026.34	182.35
6259.00	11.80	191.00	6150.74	1031.59	-1031.59	-43.16	1.18	30.00	1032.49	182.40
6321.00	13.50	185.60	6211.24	1045.02	-1045.02	-45.07	3.34	62.00	1045.99	182.47
6382.00	12.60	182.20	6270.66	1058.75	-1058.75	-46.02	1.94	61.00	1059.75	182.49
6415.00	12.00	181.30	6302.90	1065.78	-1065.78	-46.24	1.91	33.00	1066.78	182.48
6473.00	12.60	171.30	6359.58	1078.06	-1078.06	-45.42	3.81	58.00	1079.02	182.41
6536.00	12.00	162.60	6421.14	1091.10	-1091.10	-42.42	3.09	63.00	1091.93	182.23
6598.00	11.20	163.10	6481.87	1103.02	-1103.02	-38.74	1.30	62.00	1103.70	182.01
6660.00	9.00	169.90	6542.91	1113.55	-1113.55	-36.14	4.03	62.00	1114.14	181.86
6721.00	8.40	182.00	6603.21	1122.70	-1122.70	-35.46	3.15	61.00	1123.26	181.81
6782.00	11.20	196.80	6663.32	1132.83	-1132.83	-37.33	6.14	61.00	1133.45	181.89
6843.00	14.90	201.50	6722.74	1145.80	-1145.80	-41.92	6.31	61.00	1146.57	182.10
6877.00	13.80	194.10	6755.68	1153.81	-1153.81	-44.51	6.28	34.00	1154.66	182.21
6941.00	13.00	183.20	6817.95	1168.40	-1168.40	-46.77	4.13	64.00	1169.33	182.29
7005.00	13.10	185.80	6880.30	1182.80	-1182.80	-47.91	0.93	64.00	1183.77	182.32
7069.00	12.80	182.00	6942.67	1197.10	-1197.10	-48.89	1.41	64.00	1198.10	182.34
7163.00	13.40	193.30	7034.24	1218.11	-1218.11	-51.76	2.79	94.00	1219.21	182.43
7225.00	8.80	193.80	7095.06	1229.72	-1229.72	-54.54	7.42	62.00	1230.92	182.54
7287.00	7.50	199.50	7156.43	1238.14	-1238.14	-57.02	2.47	62.00	1239.45	182.64
7348.00	7.40	195.30	7216.92	1245.68	-1245.68	-59.39	0.91	61.00	1247.09	182.73
7412.00	7.00	195.70	7280.42	1253.41	-1253.41	-61.53	0.63	64.00	1254.92	182.81
7475.00	5.40	201.60	7343.05	1259.86	-1259.86	-63.66	2.73	63.00	1261.47	182.89
7537.00	4.80	202.60	7404.80	1264.97	-1264.97	-65.73	0.98	62.00	1266.67	182.97
7569.00	4.20	206.30	7436.70	1267.25	-1267.25	-66.77	2.08	32.00	1269.01	183.02



Scientific Drilling Survey Completion Report

Company: XTO Energy Inc. Date: 10/16/2002 Time: 16:20:18 Page: 4
Field: San Juan County, NM Co-ordinate(NE) Reference: Site: Florance D 10B, True North
Site: Florance D 10B Vertical (TVD) Reference: SITE 0.0
Well: #10B Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
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
7631.00	4.10	204.30	7498.54	1271.31	-1271.31	-68.68	0.28	62.00	1273.16	183.09
7693.00	4.30	205.60	7560.37	1275.43	-1275.43	-70.60	0.36	62.00	1277.38	183.17
7752.00	4.10	206.20	7619.21	1279.31	-1279.31	-72.49	0.35	59.00	1281.37	183.24
7782.00	4.00	208.00	7649.14	1281.20	-1281.20	-73.45	0.54	30.00	1283.30	183.28
7844.00	3.80	208.00	7711.00	1284.92	-1284.92	-75.43	0.32	62.00	1287.13	183.36