

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

RCVD SEP 24 '08

☐ AMENDED REPORT

OIL CONS. DIV.
DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34640	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 22824	⁵ Property Name STATE GAS COM BJ	⁶ Well Number 3H
⁷ OGRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 5925

¹⁰ Surface Location

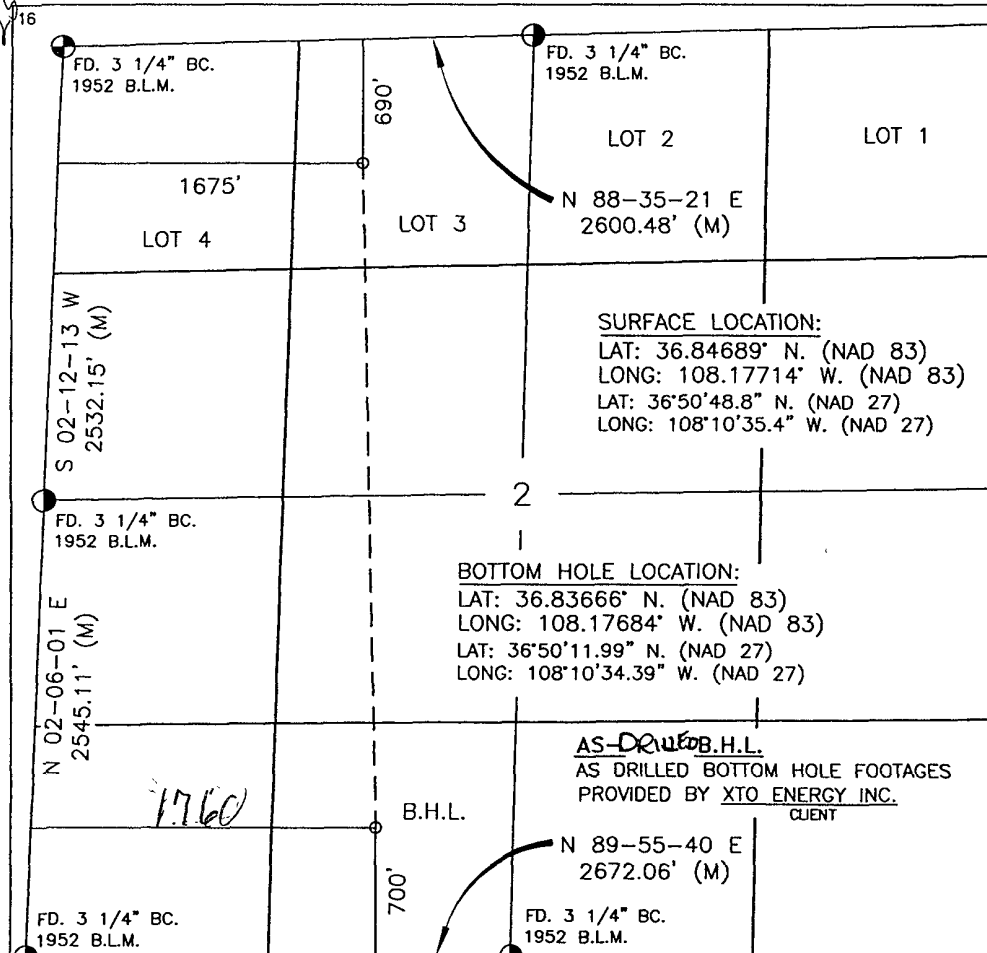
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	2	30-N	13-W		690	NORTH	1675	WEST	SAN JUAN

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
N	2	30-N	13-W		700	SOUTH	1760	WEST	SAN JUAN

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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
Signature Date
Dolena Johnson
Printed Name 08-05-08

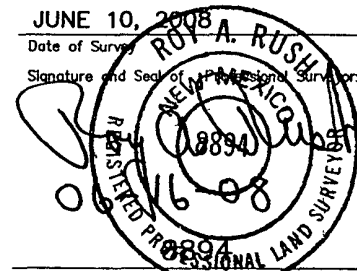
18 SURVEYOR CERTIFICATION

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.

JUNE 10, 2008

Date of Survey

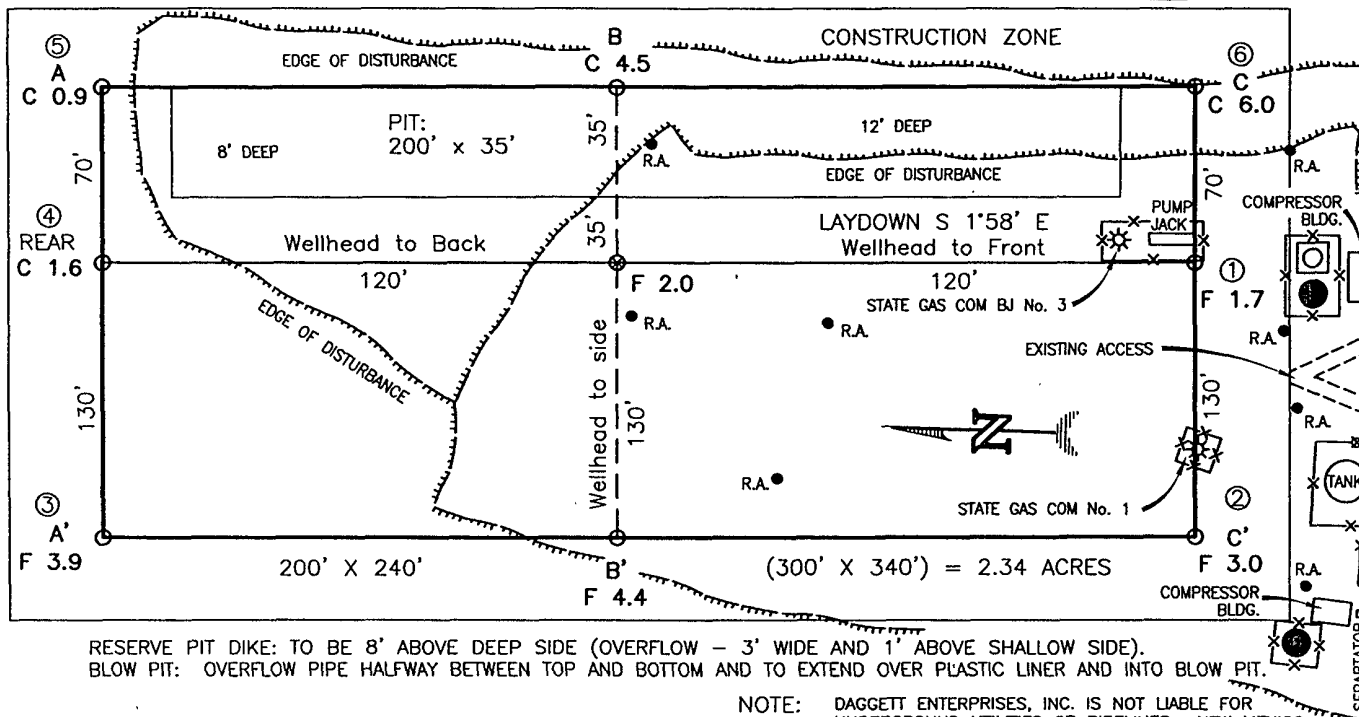
Signature and Seal of Professional Surveyor:



Certificate Number

XTO ENERGY INC.
 STATE GAS COM BJ No. 3H, 690 FNL 1675 FWL
 SECTION 2, T30N, R13W, N.M.P.M., SAN JUAN COUNTY, N.M.
 GROUND ELEVATION: 5925' DATE: FEBRUARY 14, 2008

NAD 83
 LAT. = 36.84689° N
 LONG. = 108.17714° W
 NAD 27
 LAT. = 36°50'48.8" N
 LONG. = 108°10'35.4" W



NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

ELEV. A-A'	C/L			
5940				
5930				
5920				
5910				

ELEV. B-B'	C/L			
5940				
5930				
5920				
5910				

ELEV. C-C'	C/L			
5940				
5930				
5920				
5910				

NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISION:	DATE:	REVISOR:
NAME CHANGE	06/13/08	B.K.
LOCATION RESTAKE	11/15/08	G.V.

Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 510 • Farmington, NM 87499
 Phone (505) 326-1772 • Fax (505) 326-8019
 NEW MEXICO L.S. No. 8894
 CADFILE: CR812PL8
 DATE: 08/21/06

DRAWN BY: A.G.
 ROW#: CR812



STATE GAS COM BJ #3H
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	0 00	0 00	0 00	0 00	0 00	0 00	0 00	
2	1134 00	0 00	0 00	1134 00	0 00	0 00	0 00	0 00	0 00	
3	1934 00	40 00	178 65	1870 58	-268 02	6 32	5 00	178 65	268 09	
4	2267 27	90 00	178 65	2007 00	-560 49	13 21	15 00	0 00	560 65	
5	2270 41	90 47	178 65	2006 99	-563 63	13 28	15 00	-0 25	563 79	
6	5428 30	90 47	178 65	1981 00	-3720 53	87 79	0 00	0 00	3721 57	PBHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL	1981 00	-3720 53	87 79	36°50'12.010N	108°10'36.620W	Point

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#3H	0 00	0 00	2127775 86	2622501 79	36°50'48.800N	108°10'37.700W	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

State Gas Com BJ #3H
690' FNL 1675' FWL of SEC 2, T-30-N, R-13-W

Site Centre Latitude: 36°50'48.800N
Longitude: 108°10'37.700W

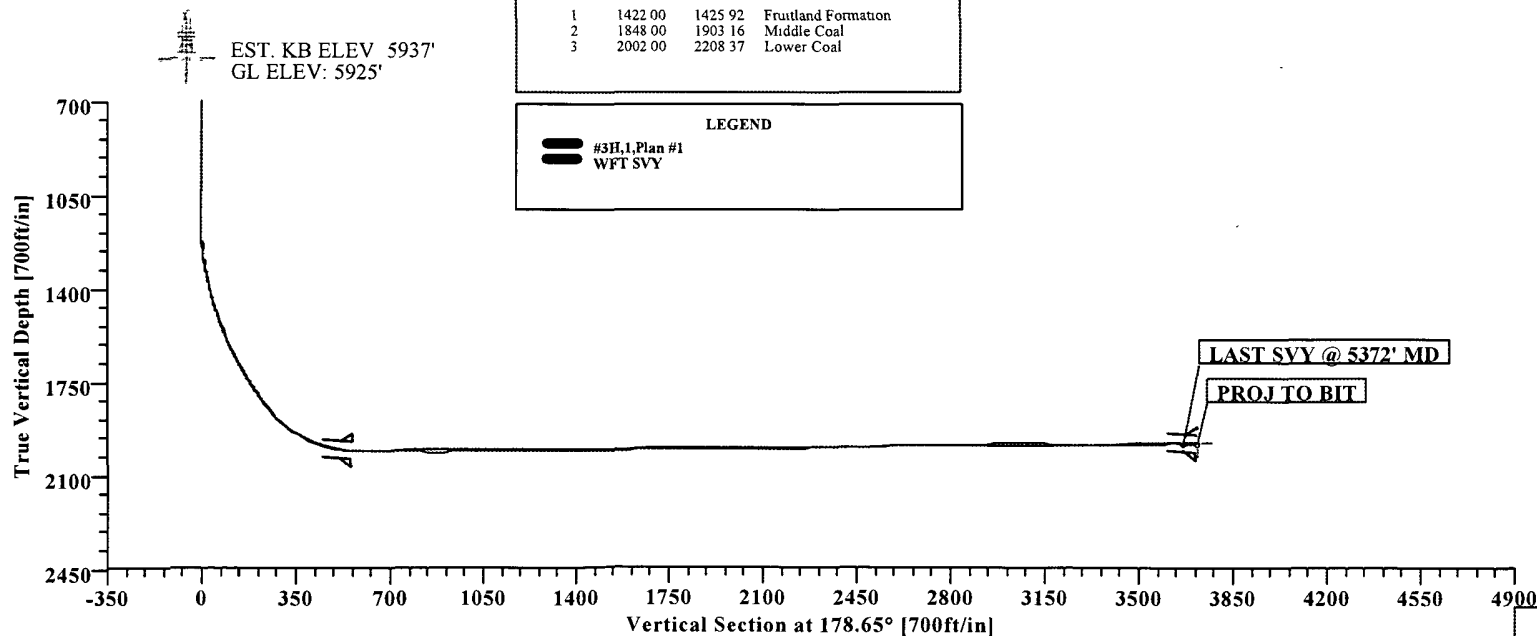
Ground Level: 5925.00
Positional Uncertainty: 0.00
Convergence: -0.21

FORMATION TOP DETAILS

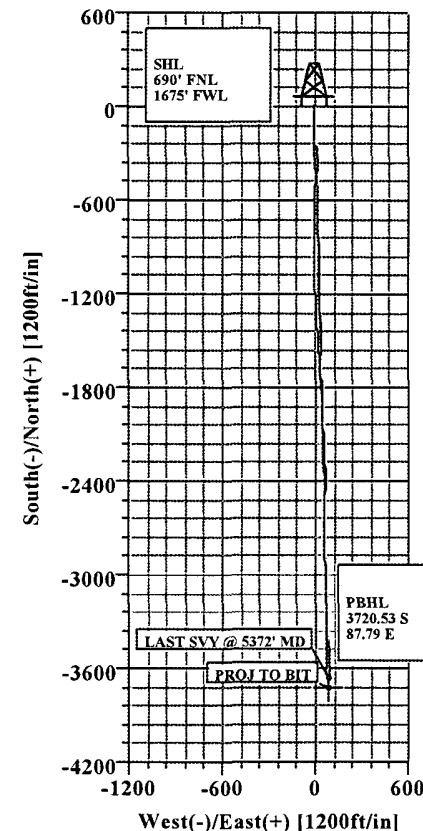
No	TVDPath	MDPath	Formation
1	1422 00	1425 92	Frutland Formation
2	1848 00	1903 16	Middle Coal
3	2002 00	2208 37	Lower Coal

LEGEND

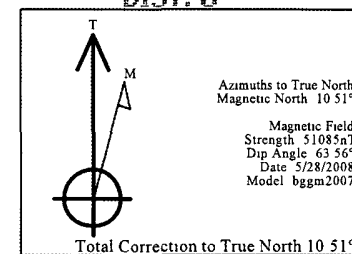
== #3H,1,Plan #1
WFT SVY



VERTICAL SECTION AZIMUTH: 178.65°



RCVD SEP 24 '08
OIL CONS. DIV.
DIST. 3



Survey WFT SVY (#3H/1)

Created By Lindsey Maddux

Date 6/9/2008



Weatherford International, Inc.

Survey Report



Company: XTO Date: 6/9/2008 Time: 07:32:52 Page: 1
Field: San Juan, NM (NAD 83) Co-ordinate(NE) Reference: Site: State Gas Com BJ #3H, True North
Site: State Gas Com BJ #3H Vertical (TVD) Reference: SITE 5937.0
Well: #3H Section (VS) Reference: Well (0.00N,0.00E,178.65Azi)
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: State Gas Com BJ #3H

690' FNL 1675' FWL of SEC 2, T-30-N, R-13-W

Site Position: Northing: 2127775.86 ft Latitude: 36 50 48.800 N
From: Geographic Easting: 2622501.79 ft Longitude: 108 10 37.700 W
Position Uncertainty: 0 00 ft North Reference: True
Ground Level: 5925 00 ft Grid Convergence: -0.21 deg

Well: #3H

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 2127775.86 ft Latitude: 36 50 48.800 N
+E/-W 0.00 ft Easting: 2622501.79 ft Longitude: 108 10 37.700 W
Position Uncertainty: 0.00 ft

Wellpath: 1

Current Datum: SITE Height 5937.00 ft Drilled From: Surface
Magnetic Data: 5/28/2008 Tie-on Depth: 0.00 ft
Field Strength: 51085 nT Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD) +N/-S +E/-W Declination
ft ft ft deg
0.00 0.00 0.00 178.65

Survey: WFT SVY

Start Date: 6/2/2008

Company: Weatherford International, Inc
Tool: MWD;MWD - Standard

Engineer: Lindsey Maddux
Tied-to: User Defined

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
1038.00	0.44	259.15	1037.98	3.30	-0.47	-3.31	0.00	0.00	0.00	MWD
1074.00	0.45	252.64	1073.98	3.23	-0.74	-3.25	0.14	0.03	-18.08	MWD
1100.00	0.59	259.92	1099.98	3.18	-0.97	-3.20	0.59	0.54	28.00	MWD
1135.00	1.50	209.89	1134.97	2.75	-1.38	-2.78	3.45	2.60	-142.94	MWD
1165.00	2.95	195.91	1164.95	1.67	-1.78	-1.71	5.13	4.83	-46.60	MWD
1196.00	4.44	189.51	1195.88	-0.28	-2.20	0.23	4.98	4.81	-20.65	MWD
1227.00	5.87	188.75	1226.76	-3.03	-2.64	2.97	4.62	4.61	-2.45	MWD
1257.00	7.13	187.92	1256.56	-6.40	-3.13	6.32	4.21	4.20	-2.77	MWD
1288.00	8.64	186.85	1287.27	-10.61	-3.67	10.52	4.89	4.87	-3.45	MWD
1319.00	10.15	185.70	1317.85	-15.64	-4.22	15.54	4.91	4.87	-3.71	MWD
1349.00	11.75	184.01	1347.31	-21.32	-4.70	21.20	5.44	5.33	-5.63	MWD
1380.00	13.44	182.39	1377.56	-28.07	-5.07	27.94	5.57	5.45	-5.23	MWD
1411.00	14.94	181.26	1407.61	-35.66	-5.31	35.53	4.92	4.84	-3.65	MWD
1441.00	16.50	179.51	1436.49	-43.79	-5.36	43.65	5.43	5.20	-5.83	MWD
1473.00	18.11	176.76	1467.04	-53.30	-5.04	53.17	5.64	5.03	-8.59	MWD
1504.00	19.13	176.26	1496.42	-63.18	-4.43	63.06	3.33	3.29	-1.61	MWD
1535.00	20.03	177.95	1525.63	-73.56	-3.91	73.44	3.43	2.90	5.45	MWD
1567.00	21.38	178.89	1555.56	-84.86	-3.60	84.76	4.34	4.22	2.94	MWD
1599.00	23.04	179.22	1585.18	-96.96	-3.40	96.85	5.20	5.19	1.03	MWD
1630.00	24.19	178.14	1613.59	-109.37	-3.11	109.27	3.96	3.71	-3.48	MWD
1662.00	25.30	176.62	1642.65	-122.75	-2.50	122.66	4.00	3.47	-4.75	MWD
1693.00	26.31	176.01	1670.56	-136.22	-1.63	136.14	3.37	3.26	-1.97	MWD
1724.00	27.92	175.90	1698.15	-150.31	-0.63	150.26	5.20	5.19	-0.35	MWD
1755.00	29.88	176.01	1725.29	-165.26	0.42	165.22	6.32	6.32	0.35	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: State Gas Com BJ #3H
Well: #3H
Wellpath: 1

Date: 6/9/2008 Time: 07:32:52 Page: 2
Co-ordinate(NE) Reference: Site: State Gas Com BJ #3H, True North
Vertical (TVD) Reference: SITE 5937.0
Section (VS) Reference: Well (0.00N,0.00E,178.65Azi)
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
1786.00	31.91	176.13	1751.89	-181.13	1.51	181.12	6.55	6.55	0.39	MWD
1818.00	33.56	176.14	1778.80	-198.40	2.68	198.41	5.16	5.16	0.03	MWD
1849.00	34.94	176.64	1804.43	-215.81	3.78	215.84	4.54	4.45	1.61	MWD
1881.00	36.58	178.02	1830.39	-234.49	4.64	234.53	5.71	5.12	4.31	MWD
1912.00	38.88	178.89	1854.91	-253.45	5.15	253.50	7.62	7.42	2.81	MWD
1942.00	42.69	180.01	1877.62	-273.04	5.33	273.09	12.93	12.70	3.73	MWD
1972.00	47.13	180.89	1898.86	-294.22	5.16	294.26	14.94	14.80	2.93	MWD
2004.00	51.88	181.01	1919.64	-318.54	4.76	318.56	14.85	14.84	0.37	MWD
2035.00	56.81	180.76	1937.70	-343.72	4.37	343.73	15.92	15.90	-0.81	MWD
2067.00	61.63	179.26	1954.07	-371.20	4.37	371.20	15.59	15.06	-4.69	MWD
2097.00	66.29	176.44	1967.24	-398.13	5.40	398.14	17.68	15.53	-9.40	MWD
2128.00	70.00	176.51	1978.78	-426.84	7.17	426.89	11.97	11.97	0.23	MWD
2159.00	71.75	181.64	1988.94	-456.11	7.63	456.16	16.62	5.65	16.55	MWD
2189.00	75.00	182.39	1997.52	-484.83	6.62	484.86	11.09	10.83	2.50	MWD
2220.00	80.25	182.01	2004.17	-515.08	5.46	515.07	16.98	16.94	-1.23	MWD
2234.00	82.69	182.51	2006.24	-528.91	4.91	528.88	17.78	17.43	3.57	MWD
Lat 2251.00	85.88	183.14	2007.93	-545.81	4.08	545.75	19.12	18.76	3.71	MWD
2267.27	87.21	183.37	2008.92	-562.02	3.16	561.94	8.26	8.14	1.41	7"/LP
2313.00	90.93	184.01	2009.66	-607.64	0.21	607.48	8.26	8.15	1.40	MWD
2342.00	90.44	184.01	2009.31	-636.57	-1.81	636.35	1.69	-1.69	0.00	MWD
2372.00	89.19	182.51	2009.41	-666.52	-3.52	666.25	6.51	-4.17	-5.00	MWD
2403.00	87.94	181.39	2010.19	-697.49	-4.57	697.19	5.41	-4.03	-3.61	MWD
2433.00	88.63	180.64	2011.08	-727.47	-5.11	727.15	3.40	2.30	-2.50	MWD
2463.00	89.38	180.26	2011.60	-757.47	-5.34	757.13	2.80	2.50	-1.27	MWD
2492.00	89.31	180.14	2011.94	-786.46	-5.44	786.12	0.48	-0.24	-0.41	MWD
2520.00	89.06	180.01	2012.33	-814.46	-5.48	814.11	1.01	-0.89	-0.46	MWD
2550.00	89.28	179.39	2012.77	-844.46	-5.32	844.10	2.19	0.73	-2.07	MWD
2580.00	89.69	179.26	2013.04	-874.45	-4.97	874.09	1.43	1.37	-0.43	MWD
2610.00	91.69	179.26	2012.68	-904.45	-4.58	904.09	6.67	6.67	0.00	MWD
2641.00	92.31	178.64	2011.60	-935.42	-4.01	935.07	2.83	2.00	-2.00	MWD
2671.00	93.19	179.39	2010.16	-965.38	-3.50	965.03	3.85	2.93	2.50	MWD
2701.00	91.75	178.14	2008.86	-995.35	-2.85	995.00	6.35	-4.80	-4.17	MWD
2731.00	92.31	178.01	2007.80	-1025.31	-1.84	1024.98	1.92	1.87	-0.43	MWD
2761.00	91.00	178.14	2006.93	-1055.28	-0.84	1054.97	4.39	-4.37	0.43	MWD
2791.00	89.56	178.14	2006.79	-1085.26	0.14	1084.97	4.80	-4.80	0.00	MWD
2821.00	88.81	176.39	2007.21	-1115.23	1.57	1114.95	6.35	-2.50	-5.83	MWD
2852.00	89.44	176.64	2007.69	-1146.16	3.45	1145.93	2.19	2.03	0.81	MWD
2883.00	90.38	176.64	2007.74	-1177.11	5.27	1176.91	3.03	3.03	0.00	MWD
2913.00	91.39	176.78	2007.27	-1207.06	6.99	1206.89	3.40	3.37	0.47	MWD
2944.00	89.25	177.01	2007.10	-1238.01	8.67	1237.87	6.94	-6.90	0.74	MWD
2973.00	88.94	177.26	2007.56	-1266.97	10.12	1266.86	1.37	-1.07	0.86	MWD
3004.00	87.56	177.26	2008.50	-1297.92	11.60	1297.83	4.45	-4.45	0.00	MWD
3033.00	87.75	177.14	2009.69	-1326.86	13.01	1326.80	0.77	0.66	-0.41	MWD
3063.00	89.00	176.76	2010.54	-1356.81	14.61	1356.77	4.35	4.17	-1.27	MWD
3094.00	90.50	176.76	2010.68	-1387.75	16.36	1387.75	4.84	4.84	0.00	MWD
3125.00	91.56	176.51	2010.12	-1418.70	18.18	1418.73	3.51	3.42	-0.81	MWD
3155.00	91.25	175.51	2009.38	-1448.61	20.27	1448.69	3.49	-1.03	-3.33	MWD
3186.00	91.50	174.89	2008.64	-1479.50	22.86	1479.62	2.16	0.81	-2.00	MWD
3218.00	91.38	175.39	2007.84	-1511.37	25.57	1511.55	1.61	-0.37	1.56	MWD
3249.00	91.50	174.89	2007.06	-1542.25	28.20	1542.49	1.66	0.39	-1.61	MWD
3280.00	92.19	175.14	2006.06	-1573.12	30.89	1573.41	2.37	2.23	0.81	MWD
3310.00	90.38	174.89	2005.39	-1602.99	33.50	1603.34	6.09	-6.03	-0.83	MWD
3341.00	90.38	175.01	2005.18	-1633.87	36.22	1634.27	0.39	0.00	0.39	MWD



Weatherford International, Inc.

Survey Report

**Weatherford®**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: State Gas Com BJ #3H
Well: #3H
Wellpath: 1

Date: 6/9/2008 Time: 07:32:52 Page: 3
Co-ordinate(NE) Reference: Site: State Gas Com BJ #3H, True North
Vertical (TVD) Reference: SITE 5937.0
Section (VS) Reference: Well (0.00N,0.00E,178.65Azi)
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
3372.00	90.19	176.01	2005.03	-1664.78	38.65	1665.22	3.28	-0.61	3.23	MWD
3403.00	90.75	176.39	2004.77	-1695.71	40.71	1696.20	2.18	1.81	1.23	MWD
3434.00	91.50	176.51	2004.16	-1726.64	42.62	1727.17	2.45	2.42	0.39	MWD
3465.00	90.84	176.56	2003.53	-1757.58	44.50	1758.14	2.14	-2.13	0.16	MWD
3497.00	91.13	176.73	2002.98	-1789.52	46.37	1790.11	1.05	0.91	0.53	MWD
3528.00	90.31	177.76	2002.59	-1820.48	47.86	1821.10	4.25	-2.65	3.32	MWD
3558.00	90.88	178.01	2002.28	-1850.46	48.97	1851.10	2.07	1.90	0.83	MWD
3590.00	91.25	178.51	2001.68	-1882.44	49.94	1883.09	1.94	1.16	1.56	MWD
3621.00	90.81	178.89	2001.13	-1913.42	50.64	1914.09	1.88	-1.42	1.23	MWD
3652.00	90.44	178.89	2000.79	-1944.42	51.24	1945.08	1.19	-1.19	0.00	MWD
3683.00	89.38	178.39	2000.84	-1975.41	51.98	1976.08	3.78	-3.42	-1.61	MWD
3714.00	89.88	178.39	2001.04	-2006.39	52.85	2007.08	1.61	1.61	0.00	MWD
3745.00	90.13	178.01	2001.04	-2037.38	53.82	2038.08	1.47	0.81	-1.23	MWD
3776.00	90.56	177.64	2000.85	-2068.36	55.00	2069.08	1.83	1.39	-1.19	MWD
3807.00	89.38	177.14	2000.87	-2099.32	56.41	2100.07	4.13	-3.81	-1.61	MWD
3839.00	89.69	177.01	2001.12	-2131.28	58.04	2132.06	1.05	0.97	-0.41	MWD
3873.00	90.44	176.51	2001.09	-2165.22	59.97	2166.04	2.65	2.21	-1.47	MWD
3905.00	91.56	176.14	2000.53	-2197.15	62.02	2198.00	3.69	3.50	-1.16	MWD
3937.00	91.19	176.39	1999.76	-2229.08	64.10	2229.97	1.40	-1.16	0.78	MWD
3968.00	92.50	175.94	1998.76	-2259.99	66.17	2260.92	4.47	4.23	-1.45	MWD
4000.00	91.00	177.39	1997.78	-2291.92	68.03	2292.89	6.52	-4.69	4.53	MWD
4032.00	89.56	178.76	1997.63	-2323.90	69.11	2324.88	6.21	-4.50	4.28	MWD
4064.00	90.38	179.64	1997.65	-2355.90	69.55	2356.88	3.76	2.56	2.75	MWD
4095.00	91.50	179.76	1997.14	-2386.89	69.72	2387.87	3.63	3.61	0.39	MWD
4128.00	91.75	180.26	1996.20	-2419.88	69.71	2420.85	1.69	0.76	1.52	MWD
4160.00	91.94	180.89	1995.17	-2451.86	69.39	2452.81	2.06	0.59	1.97	MWD
4192.00	92.81	181.51	1993.84	-2483.82	68.72	2484.75	3.34	2.72	1.94	MWD
4224.00	92.63	181.26	1992.33	-2515.78	67.95	2516.68	0.96	-0.56	-0.78	MWD
4267.00	91.14	181.11	1990.91	-2558.74	67.06	2559.61	3.48	-3.47	-0.35	MWD
4299.00	91.99	181.09	1990.04	-2590.73	66.45	2591.57	2.66	2.66	-0.06	MWD
4330.00	92.50	180.64	1988.82	-2621.70	65.98	2622.53	2.19	1.65	-1.45	MWD
4360.00	92.81	180.89	1987.43	-2651.66	65.58	2652.47	1.33	1.03	0.83	MWD
4392.00	91.19	180.76	1986.32	-2683.64	65.12	2684.43	5.08	-5.06	-0.41	MWD
4423.00	89.19	181.14	1986.21	-2714.63	64.60	2715.40	6.57	-6.45	1.23	MWD
4454.00	89.25	179.76	1986.64	-2745.63	64.36	2746.38	4.46	0.19	-4.45	MWD
4485.00	89.69	179.39	1986.92	-2776.63	64.59	2777.38	1.85	1.42	-1.19	MWD
4516.00	90.69	179.39	1986.82	-2807.62	64.92	2808.38	3.23	3.23	0.00	MWD
4547.00	90.25	177.76	1986.57	-2838.61	65.69	2839.37	5.45	-1.42	-5.26	MWD
4578.00	90.97	177.69	1986.24	-2869.59	66.92	2870.37	2.33	2.32	-0.23	MWD
4609.00	91.88	178.01	1985.46	-2900.56	68.08	2901.35	3.11	2.94	1.03	MWD
4641.00	93.00	178.01	1984.10	-2932.51	69.19	2933.32	3.50	3.50	0.00	MWD
4672.00	91.94	177.76	1982.77	-2963.46	70.34	2964.29	3.51	-3.42	-0.81	MWD
4703.00	90.69	178.51	1982.05	-2994.43	71.35	2995.28	4.70	-4.03	2.42	MWD
4734.00	89.50	178.89	1982.00	-3025.42	72.05	3026.28	4.03	-3.84	1.23	MWD
4766.00	89.44	179.64	1982.30	-3057.42	72.46	3058.28	2.35	-0.19	2.34	MWD
4798.00	90.13	179.76	1982.42	-3089.42	72.63	3090.27	2.19	2.16	0.37	MWD
4830.00	89.44	179.64	1982.54	-3121.42	72.79	3122.26	2.19	-2.16	-0.37	MWD
4861.00	88.94	180.39	1982.98	-3152.41	72.79	3153.25	2.91	-1.61	2.42	MWD
4892.00	89.25	179.89	1983.47	-3183.41	72.71	3184.24	1.90	1.00	-1.61	MWD
4925.00	88.50	180.01	1984.12	-3216.40	72.74	3217.22	2.30	-2.27	0.36	MWD
4957.00	88.25	180.26	1985.02	-3248.39	72.66	3249.20	1.10	-0.78	0.78	MWD
4989.00	88.81	180.39	1985.84	-3280.38	72.48	3281.17	1.80	1.75	0.41	MWD
5020.00	89.56	180.26	1986.28	-3311.37	72.31	3312.16	2.46	2.42	-0.42	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO	Date: 6/9/2008	Time: 07:32:52	Page: 4
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Site: State Gas Com BJ #3H, True North	
Site: State Gas Com BJ #3H	Vertical (TVD) Reference:	SITE 5937.0	
Well: #3H	Section (VS) Reference:	Well (0.00N,0.00E,178.65Azi)	
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
5052.00	90.00	180.01	1986.41	-3343.37	72.23	3344.15	1.58	1.37	-0.78	MWD
5084.00	90.94	180.26	1986.15	-3375.37	72.16	3376.13	3.04	2.94	0.78	MWD
5116.00	90.25	178.89	1985.81	-3407.37	72.39	3408.13	4.79	-2.16	-4.28	MWD
5148.00	90.75	178.51	1985.53	-3439.36	73.12	3440.13	1.96	1.56	-1.19	MWD
5180.00	90.25	178.26	1985.25	-3471.34	74.02	3472.12	1.75	-1.56	-0.78	MWD
5212.00	89.68	178.14	1985.27	-3503.33	75.03	3504.12	1.82	-1.78	-0.37	MWD
5243.00	90.50	177.89	1985.23	-3534.31	76.10	3535.12	2.77	2.65	-0.81	MWD
5276.00	92.00	178.51	1984.51	-3567.28	77.14	3568.11	4.92	4.55	1.88	MWD
5308.00	91.25	177.64	1983.60	-3599.25	78.21	3600.10	3.59	-2.34	-2.72	MWD
5340.00	90.38	177.14	1983.14	-3631.22	79.67	3632.09	3.14	-2.72	-1.56	MWD
5372.00	88.69	176.89	1983.40	-3663.17	81.33	3664.07	5.34	-5.28	-0.78	LAST SVY @ 5372' MD
5428.30	85.72	176.45	1986.15	-3719.30	84.60	3720.26	5.33	-5.28	-0.78	4 1/2"
5430.00	85.63	176.44	1986.28	-3720.99	84.70	3721.96	5.33	-5.28	-0.78	PROJ TO BIT

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
	225.00	9.625	12.250	9 5/8"
2267.27	2008.92	7.000	8.500	7"/LP
5428.30	1986.15	0.000	0.000	4 1/2"

Annotation

MD ft	TVD ft	
5372.00	1983.40	LAST SVY @ 5372' MD
5430.00	1986.28	PROJ TO BIT