

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

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

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

"AS DRILLED"

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35027	² Pool Code 71629	³ Pool Name Basin FRUITLAND COAL
⁴ Property Code 038004	⁵ Property Name BOXER	⁶ Well Number 22H
⁷ GRID No. 5380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 6681

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
L	27	25 N	10 W		2105	SOUTH	409	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
P	27	25 N	10 W		710	SOUTH	733	EAST	SAN JUAN

¹² Dedicated Acres S/2, 320 AC±	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD APR 27 '10 OIL CONS. DIV.
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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 DIST. 3

16 S 89°56'56" W 2637.02' 2640.01' ○ = SURFACE LOCATION (AS DRILLED) ● = BOTTOM HOLE LOCATION (TAKEN FROM DRILL LOG PROVIDED BY DRILLER) 2642.57'	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. Signature: Dolena Chapman Date: 4-14-10 Printed Name: Dolena Johnson Reg. Compliance Tech
SECTION 27 409' LAT: 36.370577° N LONG: 107.891567° W NAD 83 LAT: 36.370567° N LONG: 107.890948° W NAD 27 1368 Start lateral 1785 2105' 2638.59' 2643.53' 733' 710'	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 belief. 3/23/10 Date of Survey Signature and Seal of Professional Surveyor MARSHALL W. LINDEEN NEW MEXICO 17078 PROFESSIONAL SURVEYOR 17078 Certificate Number
S 89°59'51" W 2639.29' N 89°59'05" W 2635.25'	

B 4/28



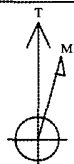
Boxer #22
San Juan Co., New Mexico

SITE DETAILS

Boxer #22
2105' FSL 410' FWL of Sec 27, T25N, R10W

Site Centre Latitude: 36°22'14.080N
Longitude: 107°53'29.630W

Ground Level: 6682.00
Positional Uncertainty: 0.00
Convergence: -0.03



Azimuths to True North
Magnetic North 10 08°

Magnetic Field
Strength 50692nT
Dip Angle 63 15°
Date 1/20/2010
Model IGRF2010

Total Correction to True North 10 08°



KB ELEV 6694'
GL ELEV 6682'



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	108.62	0.00	0.00	0.00	0.00	0.00	0.00	
2	660.00	0.00	108.62	660.00	0.00	0.00	0.00	108.62	0.00	
3	2156.23	89.77	108.62	1615.00	-303.61	901.36	6.00	108.62	951.12	
4	5601.06	89.77	108.62	1629.00	-1403.24	4165.94	0.00	0.00	4395.92	Pbhl ST01

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#22	0.00	0.00	1954201.10	2705954.16	36°22'14.080N	107°53'29.630W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Pbhl ST01	1629.00	-1403.24	4165.94	36°22'00.200N	107°52'38.690W	Point

Survey: Wft Svy ST01 (#22/ST01)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
159	5553.00	90.56	109.52	1634.75	-1395.03	4133.40	0.00	180.00	4362.47

LEGEND

- #22, ST01, Plan #1 ST01
- #22 (ST00)
- Wft Svy ST01

FIELD DETAILS

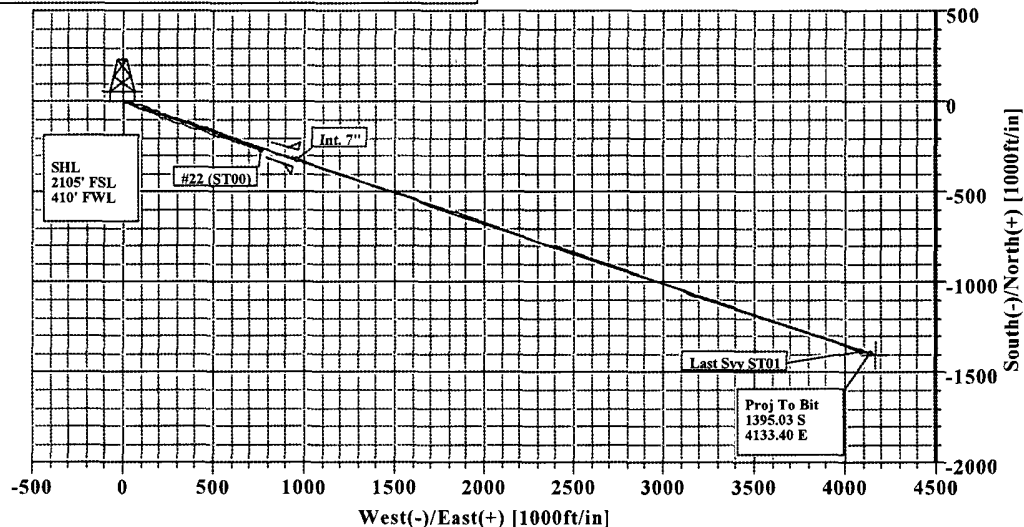
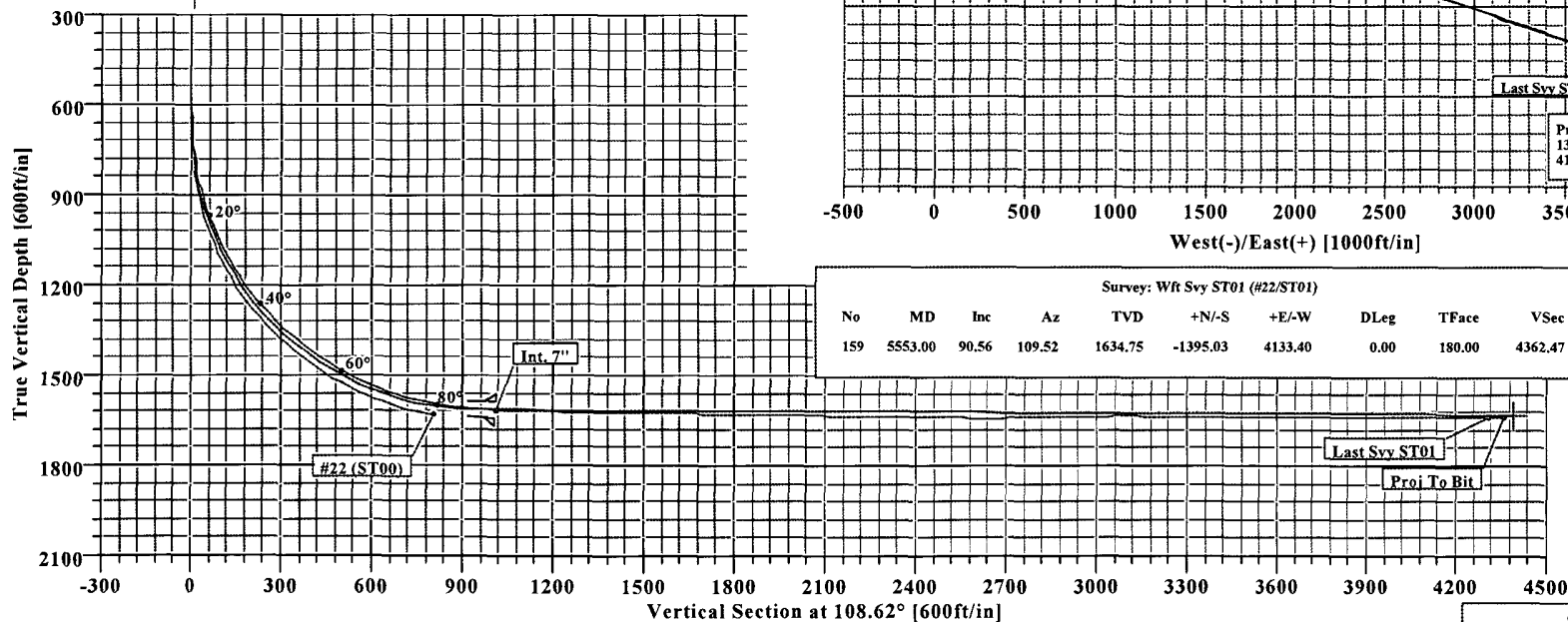
San Juan, NM (NAD 83)

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Western Zone
Magnetic Model: IGRF2010

System Datum: Mean Sea Level
Local North: True North

FORMATION TOP DETAILS

No.	TVDPth	MDPath	Formation
1	766.00	766.40	Ojo Alamo SS
2	902.00	905.32	Kirtland Shale
3	1254.00	1306.57	Fruitland Fm



Survey: Wft Svy ST01 (#22/ST01)
Created By: Russell W Joyner
Date: 3/19/2010



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO	Date: 3/19/2010	Time: 07:06:41	Page: 1
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #22, True North	
Site: Boxer #22	Vertical (TVD) Reference:	SITE 6694.0	
Well: #22	Section (VS) Reference:	Well (0.00N,0.00E,108.62Azi)	
Wellpath: ST01	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: Well Centre
Geomagnetic Model: IGRF2010**Site:** Boxer #22

2105' FSL 410' FWL of Sec 27, T25N, R10W

Site Position:	Northing: 1954201.10 ft	Latitude: 36 22 14.080 N
From: Geographic	Easting: 2705954.16 ft	Longitude: 107 53 29.630 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6682.00 ft		Grid Convergence: -0.03 deg

Well: #22**Slot Name:**

Well Position:	+N/-S 0.00 ft	Northing: 1954201.10 ft	Latitude: 36 22 14.080 N
	+E/-W 0.00 ft	Easting: 2705954.16 ft	Longitude: 107 53 29.630 W
Position Uncertainty: 0.00 ft			

Wellpath: ST01**Drilled From:** ST00

Current Datum: SITE	Height 6694.00 ft	Tie-on Depth: 0.00 ft
Magnetic Data: 1/20/2010		Above System Datum: Mean Sea Level
Field Strength: 50692 nT		Declination: 10.08 deg
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 63.15 deg
ft	ft	Direction
		deg
0.00	0.00	0.00 108.62

Survey: Wft Svy ST01**Start Date:** 3/4/2010**Company:** Weatherford International Ltd.
Tool: MWD;MWD - Standard**Engineer:** Russell W Joyner
Tied-to: From Surface**Survey:** Wft Svy ST01

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
0.00	0.00	0.00	0.00	0.00	0.00	1954201.10	2705954.16	36	22	14.080 N	107	53	29.630 W
585.00	0.54	105.52	584.99	-0.74	2.66	1954200.36	2705956.81	36	22	14.073 N	107	53	29.598 W
615.00	0.65	107.86	614.99	-0.83	2.95	1954200.27	2705957.11	36	22	14.072 N	107	53	29.594 W
646.00	1.27	106.61	645.99	-0.98	3.45	1954200.12	2705957.61	36	22	14.070 N	107	53	29.588 W
676.00	2.44	101.21	675.97	-1.20	4.40	1954199.90	2705958.55	36	22	14.068 N	107	53	29.576 W
706.00	4.06	99.21	705.92	-1.49	6.07	1954199.60	2705960.23	36	22	14.065 N	107	53	29.556 W
737.00	5.81	101.58	736.80	-1.98	8.69	1954199.11	2705962.85	36	22	14.060 N	107	53	29.524 W
766.00	7.50	102.46	765.61	-2.69	11.98	1954198.41	2705966.13	36	22	14.053 N	107	53	29.484 W
796.00	9.31	99.71	795.28	-3.52	16.28	1954197.57	2705970.44	36	22	14.045 N	107	53	29.431 W
826.00	10.81	97.21	824.82	-4.28	21.46	1954196.81	2705975.62	36	22	14.038 N	107	53	29.368 W
857.00	12.88	96.58	855.16	-5.04	27.78	1954196.04	2705981.94	36	22	14.030 N	107	53	29.290 W
886.00	14.44	97.46	883.34	-5.88	34.58	1954195.20	2705988.73	36	22	14.022 N	107	53	29.207 W
916.00	16.25	98.83	912.27	-7.01	42.44	1954194.06	2705996.59	36	22	14.011 N	107	53	29.111 W
946.00	18.13	99.96	940.93	-8.46	51.18	1954192.61	2706005.33	36	22	13.996 N	107	53	29.004 W
979.00	20.28	102.74	972.09	-10.61	61.82	1954190.45	2706015.97	36	22	13.975 N	107	53	28.874 W
1011.00	22.44	104.96	1001.89	-13.41	73.13	1954187.64	2706027.28	36	22	13.947 N	107	53	28.736 W
1044.00	24.25	106.08	1032.19	-16.92	85.73	1954184.13	2706039.87	36	22	13.913 N	107	53	28.582 W
1075.00	26.38	107.21	1060.21	-20.72	98.42	1954180.32	2706052.57	36	22	13.875 N	107	53	28.426 W
1107.00	28.38	108.71	1088.62	-25.26	112.42	1954175.77	2706066.56	36	22	13.830 N	107	53	28.255 W
1139.00	30.06	110.96	1116.55	-30.57	127.11	1954170.46	2706081.25	36	22	13.778 N	107	53	28.076 W
1171.00	31.88	111.71	1143.99	-36.56	142.45	1954164.45	2706096.58	36	22	13.718 N	107	53	27.888 W
1203.00	33.88	111.58	1170.86	-42.97	158.59	1954158.04	2706112.72	36	22	13.655 N	107	53	27.691 W
1235.00	35.69	111.46	1197.14	-49.66	175.57	1954151.33	2706129.70	36	22	13.589 N	107	53	27.483 W



Weatherford International Ltd.

Survey Report - Geographic



Company: XTO
Field: San Juan, NM (NAD 83)
Site: Boxer #22
Well: #22
Wellpath: ST01

Date: 3/19/2010 Time: 07:06:41 Page: 2
Co-ordinate(N/E) Reference: Well: #22, True North
Vertical (TVD) Reference: SITE 6694.0
Section (VS) Reference: Well (0.00N,0.00E,108.62Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy ST01

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
								Deg	Min	Sec	Deg	Min	Sec
1266.00	37.13	110.96	1222.09	-56.32	192.73	1954144.66	2706146.85	36	22	13 523 N	107	53	27.273 W
1299.00	38.75	109.83	1248.11	-63.39	211.75	1954137.59	2706165.86	36	22	13 453 N	107	53	27.041 W
1330.00	40.69	109.58	1271.96	-70.07	230.40	1954130.90	2706184.51	36	22	13.387 N	107	53	26.813 W
1362.00	42.75	108.83	1295.84	-77.07	250.51	1954123.88	2706204.62	36	22	13.318 N	107	53	26.567 W
1393.00	44.75	108.33	1318.23	-83.90	270.82	1954117.04	2706224.93	36	22	13.250 N	107	53	26.318 W
1425.00	46.31	108.46	1340.65	-91.10	292.49	1954109.82	2706246.59	36	22	13.179 N	107	53	26.053 W
1457.00	47.81	108.33	1362.45	-98.49	314.72	1954102.42	2706268.82	36	22	13.106 N	107	53	25.781 W
1489.00	49.94	107.83	1383.49	-105.97	337.64	1954094.92	2706291.73	36	22	13.032 N	107	53	25.501 W
1520.00	52.00	108.33	1403.01	-113.45	360.53	1954087.44	2706314.61	36	22	12.958 N	107	53	25.221 W
1551.00	53.52	108.20	1421.77	-121.18	383.96	1954079.69	2706338.04	36	22	12.882 N	107	53	24.935 W
1582.00	55.56	106.96	1439.76	-128.80	408.03	1954072.05	2706362.11	36	22	12.806 N	107	53	24.640 W
1614.00	57.00	108.08	1457.52	-136.82	433.41	1954064.02	2706387.48	36	22	12.727 N	107	53	24.330 W
1646.00	58.81	107.96	1474.52	-145.20	459.19	1954055.62	2706413.26	36	22	12.644 N	107	53	24.015 W
1677.00	60.56	107.83	1490.17	-153.43	484.65	1954047.38	2706438.72	36	22	12.563 N	107	53	23.704 W
1709.00	62.50	108.21	1505.42	-162.13	511.40	1954038.66	2706465.46	36	22	12.477 N	107	53	23.376 W
1740.00	64.63	108.58	1519.22	-170.89	537.74	1954029.89	2706491.80	36	22	12.390 N	107	53	23.054 W
1772.00	67.13	108.50	1532.30	-180.17	565.43	1954020.58	2706519.48	36	22	12.298 N	107	53	22.716 W
1805.00	69.31	108.71	1544.54	-189.95	594.47	1954010.79	2706548.51	36	22	12.201 N	107	53	22.361 W
1836.00	71.38	109.21	1554.97	-199.44	622.08	1954001.29	2706576.12	36	22	12.108 N	107	53	22.023 W
1868.00	72.88	110.08	1564.79	-209.68	650.76	1953991.03	2706604.79	36	22	12.006 N	107	53	21.672 W
1900.00	74.25	109.96	1573.84	-220.18	679.60	1953980.51	2706633.62	36	22	11.902 N	107	53	21.320 W
1932.00	75.59	110.14	1582.17	-230.78	708.62	1953969.90	2706662.64	36	22	11.798 N	107	53	20.965 W
1964.00	77.31	110.08	1589.67	-241.47	737.83	1953959.18	2706691.85	36	22	11.692 N	107	53	20.608 W
1996.00	79.50	110.21	1596.10	-252.27	767.26	1953948.37	2706721.27	36	22	11.585 N	107	53	20.248 W
2028.00	81.44	109.83	1601.39	-263.07	796.91	1953937.55	2706750.91	36	22	11.478 N	107	53	19.885 W
2060.00	82.88	109.58	1605.76	-273.76	826.76	1953926.84	2706780.75	36	22	11.373 N	107	53	19.520 W
2092.00	84.63	109.58	1609.24	-284.42	856.73	1953916.17	2706810.71	36	22	11.267 N	107	53	19.154 W
2124.00	86.19	109.46	1611.80	-295.08	886.79	1953905.49	2706840.77	36	22	11.162 N	107	53	18.786 W
2150.00	87.00	109.28	1613.34	-303.68	911.27	1953896.87	2706865.25	36	22	11.077 N	107	53	18.487 W
2174.00	87.31	108.73	1614.54	-311.49	933.94	1953889.05	2706887.91	36	22	10.999 N	107	53	18.210 W
2200.00	87.77	107.54	1615.65	-319.57	958.62	1953880.95	2706912.59	36	22	10.919 N	107	53	17.908 W
2238.00	88.45	105.79	1616.90	-330.46	995.01	1953870.04	2706948.96	36	22	10.812 N	107	53	17.463 W
2270.00	89.57	107.24	1617.46	-339.56	1025.68	1953860.92	2706979.63	36	22	10.722 N	107	53	17.088 W
2302.00	87.81	108.58	1618.19	-349.40	1056.12	1953851.07	2707010.06	36	22	10.625 N	107	53	16.716 W
2334.00	88.38	108.96	1619.25	-359.69	1086.40	1953840.76	2707040.34	36	22	10.523 N	107	53	16.345 W
2365.00	87.75	109.08	1620.30	-369.78	1115.69	1953830.64	2707069.62	36	22	10.423 N	107	53	15.987 W
2397.00	87.69	108.96	1621.57	-380.20	1145.92	1953820.21	2707099.85	36	22	10.320 N	107	53	15.617 W
2429.00	86.81	108.33	1623.11	-390.42	1176.20	1953809.97	2707130.13	36	22	10.219 N	107	53	15.247 W
2460.00	87.75	108.46	1624.58	-400.19	1205.59	1953800.18	2707159.50	36	22	10.122 N	107	53	14.888 W
2492.00	89.19	107.83	1625.43	-410.16	1235.98	1953790.20	2707189.89	36	22	10.024 N	107	53	14.516 W
2524.00	90.13	108.21	1625.62	-420.05	1266.41	1953780.28	2707220.32	36	22	9.926 N	107	53	14.144 W
2554.00	91.00	108.46	1625.33	-429.49	1294.89	1953770.83	2707248.79	36	22	9.832 N	107	53	13.796 W
2583.00	90.13	108.96	1625.04	-438.79	1322.35	1953761.51	2707276.25	36	22	9.740 N	107	53	13.460 W
2613.00	88.75	109.58	1625.33	-448.69	1350.67	1953751.59	2707304.56	36	22	9.642 N	107	53	13.114 W
2644.00	89.44	109.96	1625.82	-459.18	1379.84	1953741.09	2707333.72	36	22	9.539 N	107	53	12.757 W
2674.00	90.75	109.58	1625.77	-469.32	1408.07	1953730.93	2707361.95	36	22	9.438 N	107	53	12.412 W
2704.00	91.69	109.58	1625.14	-479.38	1436.33	1953720.86	2707390.20	36	22	9.339 N	107	53	12.066 W
2735.00	91.25	109.33	1624.34	-489.70	1465.55	1953710.52	2707419.41	36	22	9.237 N	107	53	11.709 W
2765.00	89.56	109.02	1624.13	-499.55	1493.88	1953700.65	2707447.74	36	22	9.139 N	107	53	11.363 W
2796.00	88.13	108.58	1624.75	-509.54	1523.22	1953690.64	2707477.07	36	22	9.041 N	107	53	11.004 W
2827.00	88.13	108.46	1625.76	-519.38	1552.60	1953680.78	2707506.45	36	22	8.943 N	107	53	10.645 W
2858.00	87.69	107.96	1626.90	-529.06	1582.03	1953671.09	2707535.87	36	22	8.848 N	107	53	10.285 W



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Boxer #22
Well: #22
Wellpath: ST01

Date: 3/19/2010 Time: 07:06:41 Page: 3
Co-ordinate(NE) Reference: Well #22, True North
Vertical (TVD) Reference: SITE 6694.0
Section (VS) Reference: Well (0.00N,0.00E,108.62Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy ST01

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
								Deg	Min	Sec	Deg	Min	Sec
2888.00	87.00	107.83	1628.28	-538.27	1610.55	1953661.86	2707564.38	36	22	8.756 N	107	53	9.936 W
2919.00	87.75	107.58	1629.70	-547.69	1640.05	1953652.42	2707593.87	36	22	8.663 N	107	53	9.575 W
2948.00	88.63	107.58	1630.62	-556.44	1667.68	1953643.65	2707621.50	36	22	8.577 N	107	53	9.237 W
2979.00	90.06	107.71	1630.97	-565.84	1697.22	1953634.24	2707651.03	36	22	8.484 N	107	53	8.876 W
3009.00	90.94	107.83	1630.71	-574.99	1725.79	1953625.07	2707679.60	36	22	8.393 N	107	53	8.527 W
3040.00	90.75	108.46	1630.26	-584.65	1755.24	1953615.40	2707709.05	36	22	8.298 N	107	53	8.167 W
3070.00	89.25	109.33	1630.26	-594.36	1783.62	1953605.66	2707737.42	36	22	8.202 N	107	53	7.820 W
3101.00	87.95	108.77	1631.01	-604.48	1812.92	1953595.53	2707766.71	36	22	8.102 N	107	53	7.462 W
3130.00	88.56	108.33	1631.90	-613.70	1840.40	1953586.29	2707794.18	36	22	8.010 N	107	53	7.125 W
3160.00	88.56	108.46	1632.65	-623.16	1868.86	1953576.81	2707822.64	36	22	7.917 N	107	53	6.778 W
3191.00	89.31	108.21	1633.23	-632.91	1898.28	1953567.05	2707852.05	36	22	7.820 N	107	53	6.418 W
3220.00	90.25	108.08	1633.34	-641.94	1925.83	1953558.00	2707879.60	36	22	7.731 N	107	53	6.081 W
3251.00	89.19	108.83	1633.49	-651.75	1955.24	1953548.17	2707909.00	36	22	7.634 N	107	53	5.721 W
3280.00	88.50	109.08	1634.07	-661.17	1982.66	1953538.73	2707936.42	36	22	7.541 N	107	53	5.386 W
3311.00	89.00	108.83	1634.75	-671.24	2011.97	1953528.65	2707965.72	36	22	7.441 N	107	53	5.028 W
3341.00	88.69	108.71	1635.35	-680.89	2040.37	1953518.98	2707994.12	36	22	7.346 N	107	53	4.680 W
3372.00	89.44	108.83	1635.86	-690.86	2069.72	1953508.99	2708023.46	36	22	7.247 N	107	53	4.321 W
3402.00	90.63	108.58	1635.84	-700.49	2098.13	1953499.35	2708051.87	36	22	7.152 N	107	53	3.974 W
3431.00	89.69	109.58	1635.76	-709.96	2125.54	1953489.85	2708079.27	36	22	7.058 N	107	53	3.639 W
3463.00	88.13	108.71	1636.37	-720.46	2155.76	1953479.34	2708109.48	36	22	6.954 N	107	53	3.269 W
3495.00	88.81	108.58	1637.22	-730.68	2186.07	1953469.10	2708139.79	36	22	6.853 N	107	53	2.899 W
3526.00	89.75	108.96	1637.61	-740.66	2215.42	1953459.11	2708169.13	36	22	6.755 N	107	53	2.540 W
3558.00	89.38	108.83	1637.86	-751.02	2245.70	1953448.73	2708199.40	36	22	6.652 N	107	53	2.170 W
3590.00	89.88	109.21	1638.06	-761.45	2275.95	1953438.28	2708229.64	36	22	6.549 N	107	53	1.800 W
3621.00	90.81	107.71	1637.88	-771.26	2305.35	1953428.45	2708259.04	36	22	6.452 N	107	53	1.440 W
3653.00	88.81	109.21	1637.98	-781.40	2335.70	1953418.30	2708289.39	36	22	6.352 N	107	53	1.069 W
3685.00	87.81	108.71	1638.93	-791.79	2365.95	1953407.89	2708319.63	36	22	6.249 N	107	53	0.699 W
3717.00	88.56	108.46	1639.94	-801.98	2396.27	1953397.67	2708349.94	36	22	6.148 N	107	53	0.328 W
3748.00	89.31	109.08	1640.52	-811.95	2425.61	1953387.68	2708379.28	36	22	6.049 N	107	52	59.970 W
3780.00	88.69	108.46	1641.08	-822.25	2455.91	1953377.37	2708409.57	36	22	5.948 N	107	52	59.599 W
3812.00	89.81	108.71	1641.49	-832.45	2486.23	1953367.15	2708439.89	36	22	5.847 N	107	52	59.228 W
3845.00	90.88	108.33	1641.30	-842.93	2517.52	1953356.65	2708471.17	36	22	5.743 N	107	52	58.846 W
3876.00	91.31	108.46	1640.70	-852.71	2546.94	1953346.86	2708500.58	36	22	5.646 N	107	52	58.486 W
3908.00	90.25	108.08	1640.27	-862.74	2577.32	1953336.81	2708530.95	36	22	5.547 N	107	52	58.115 W
3939.00	91.13	107.83	1639.89	-872.30	2606.81	1953327.23	2708560.44	36	22	5.452 N	107	52	57.754 W
3971.00	92.05	108.19	1639.01	-882.19	2637.23	1953317.32	2708590.85	36	22	5.355 N	107	52	57.382 W
4003.00	93.25	108.33	1637.53	-892.20	2667.58	1953307.29	2708621.20	36	22	5.256 N	107	52	57.011 W
4035.00	92.13	108.21	1636.02	-902.22	2697.93	1953297.25	2708651.55	36	22	5.156 N	107	52	56.640 W
4067.00	90.69	108.83	1635.24	-912.38	2728.27	1953287.07	2708681.87	36	22	5.056 N	107	52	56.269 W
4099.00	89.56	109.21	1635.17	-922.81	2758.52	1953276.63	2708712.12	36	22	4.953 N	107	52	55.899 W
4131.00	90.19	109.08	1635.24	-933.31	2788.75	1953266.11	2708742.34	36	22	4.849 N	107	52	55.529 W
4163.00	90.06	108.46	1635.17	-943.60	2819.05	1953255.80	2708772.64	36	22	4.747 N	107	52	55.159 W
4195.00	90.94	108.21	1634.89	-953.67	2849.42	1953245.71	2708803.00	36	22	4.647 N	107	52	54.787 W
4227.00	90.13	109.58	1634.59	-964.03	2879.70	1953235.33	2708833.27	36	22	4.545 N	107	52	54.417 W
4258.00	91.13	109.83	1634.25	-974.48	2908.88	1953224.86	2708862.45	36	22	4.442 N	107	52	54.060 W
4290.00	90.06	110.71	1633.92	-985.57	2938.89	1953213.76	2708892.46	36	22	4.332 N	107	52	53.693 W
4322.00	89.06	110.33	1634.16	-996.78	2968.86	1953202.53	2708922.42	36	22	4.221 N	107	52	53.327 W
4354.00	89.63	110.58	1634.53	-1007.97	2998.84	1953191.33	2708952.39	36	22	4.110 N	107	52	52.960 W
4386.00	88.70	109.93	1634.99	-1019.04	3028.86	1953180.23	2708982.40	36	22	4.001 N	107	52	52.593 W
4418.00	89.06	110.08	1635.62	-1029.99	3058.92	1953169.27	2709012.46	36	22	3.893 N	107	52	52.226 W
4450.00	90.00	110.21	1635.88	-1041.01	3088.96	1953158.23	2709042.49	36	22	3.784 N	107	52	51.858 W
4482.00	89.06	109.83	1636.14	-1051.96	3119.03	1953147.26	2709072.55	36	22	3.675 N	107	52	51.491 W
4514.00	90.60	109.09	1636.24	-1062.62	3149.20	1953136.58	2709102.72	36	22	3.570 N	107	52	51.122 W



Weatherford International Ltd.

Survey Report - Geographic



Company: XTO
Field: San Juan, NM (NAD 83)
Site: Boxer #22
Well: #22
Wellpath: ST01

Date: 3/19/2010 Time: 07:06:41 Page: 4
Co-ordinate(NE) Reference: Well: #22, True North
Vertical (TVD) Reference: SITE 6694.0
Section (VS) Reference: Well (0.00N,0.00E,108 62Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy ST01

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
4546.00	92.13	108.83	1635.48	-1073.02	3179.45	1953126.17	2709132.96	36	22	3.467 N	107	52	50.752 W
4578.00	91.00	108.71	1634.60	-1083.31	3209.74	1953115.85	2709163.24	36	22	3.365 N	107	52	50.382 W
4610.00	89.00	108.58	1634.60	-1093.54	3240.06	1953105.61	2709193.56	36	22	3.264 N	107	52	50.011 W
4642.00	87.50	108.46	1635.58	-1103.70	3270.39	1953095.43	2709223.88	36	22	3.163 N	107	52	49.640 W
4674.00	88.19	108.46	1636.78	-1113.83	3300.72	1953085.29	2709254.20	36	22	3.063 N	107	52	49.269 W
4706.00	90.06	108.33	1637.27	-1123.92	3331.08	1953075.17	2709284.56	36	22	2.963 N	107	52	48.898 W
4739.00	90.63	108.71	1637.07	-1134.40	3362.37	1953064.67	2709315.84	36	22	2.860 N	107	52	48.515 W
4769.00	91.50	108.46	1636.52	-1143.96	3390.80	1953055.09	2709344.27	36	22	2.765 N	107	52	48.168 W
4801.00	90.25	108.83	1636.03	-1154.19	3421.12	1953044.85	2709374.58	36	22	2.664 N	107	52	47.797 W
4833.00	90.94	108.46	1635.70	-1164.42	3451.43	1953034.60	2709404.89	36	22	2.563 N	107	52	47.426 W
4866.00	89.88	109.71	1635.46	-1175.21	3482.62	1953023.79	2709436.07	36	22	2.456 N	107	52	47.045 W
4898.00	89.06	108.46	1635.76	-1185.67	3512.86	1953013.31	2709466.30	36	22	2.352 N	107	52	46.675 W
4930.00	89.69	108.46	1636.10	-1195.81	3543.21	1953003.16	2709496.64	36	22	2.252 N	107	52	46.304 W
4962.00	88.75	108.33	1636.54	-1205.90	3573.57	1952993.04	2709527.00	36	22	2.152 N	107	52	45.933 W
4994.00	88.81	107.96	1637.22	-1215.87	3603.97	1952983.06	2709557.40	36	22	2.054 N	107	52	45.561 W
5026.00	90.69	107.71	1637.36	-1225.67	3634.43	1952973.24	2709587.85	36	22	1.957 N	107	52	45.189 W
5059.00	90.33	107.57	1637.07	-1235.67	3665.88	1952963.22	2709619.29	36	22	1.858 N	107	52	44.804 W
5091.00	89.88	108.21	1637.01	-1245.50	3696.33	1952953.38	2709649.74	36	22	1.761 N	107	52	44.432 W
5123.00	90.38	108.21	1636.94	-1255.50	3726.73	1952943.36	2709680.13	36	22	1.662 N	107	52	44.060 W
5155.00	91.25	107.96	1636.48	-1265.43	3757.15	1952933.41	2709710.54	36	22	1.563 N	107	52	43.688 W
5186.00	90.13	108.08	1636.11	-1275.02	3786.62	1952923.80	2709740.01	36	22	1.469 N	107	52	43.328 W
5218.00	90.31	107.83	1635.98	-1284.88	3817.06	1952913.92	2709770.45	36	22	1.371 N	107	52	42.956 W
5248.00	91.19	107.71	1635.59	-1294.04	3845.63	1952904.75	2709799.01	36	22	1.280 N	107	52	42.606 W
5280.00	90.38	108.58	1635.15	-1304.00	3876.03	1952894.76	2709829.40	36	22	1.182 N	107	52	42.235 W
5312.00	89.69	109.33	1635.13	-1314.40	3906.30	1952884.35	2709859.66	36	22	1.079 N	107	52	41.865 W
5344.00	90.25	109.08	1635.15	-1324.92	3936.52	1952873.81	2709889.88	36	22	0.975 N	107	52	41.495 W
5376.00	89.56	109.96	1635.20	-1335.61	3966.68	1952863.09	2709920.03	36	22	0.869 N	107	52	41.126 W
5408.00	90.75	109.96	1635.12	-1346.54	3996.76	1952852.15	2709950.10	36	22	0.761 N	107	52	40.759 W
5439.00	89.19	109.58	1635.13	-1357.02	4025.93	1952841.65	2709979.27	36	22	0.657 N	107	52	40.402 W
5471.00	89.94	109.33	1635.38	-1367.68	4056.10	1952830.97	2710009.43	36	22	0.552 N	107	52	40.033 W
5503.00	90.56	109.52	1635.24	-1378.32	4086.28	1952820.31	2710039.60	36	22	0.446 N	107	52	39.664 W
5553.00	90.56	109.52	1634.75	-1395.03	4133.40	1952803.58	2710086.72	36	22	0.281 N	107	52	39.088 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2200.00	1615.65	7.000	8.500	Int. 7"

Annotation

MD ft	TVD ft	
5503.00	1635.24	Last Svy ST01
5553.00	1634.75	Proj To Bit