

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 30-045-35029		² Pool Code 71629		³ Pool Name FRUITLAND COAL	
⁴ Property Code 38005		⁵ Property Name ARBOR			⁶ Well Number 22H
⁷ GRID No. 5380		⁸ Operator Name XTO ENERGY, INC.			⁹ Elevation 6638

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	26	25 N	10 W		2289	SOUTH	521	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	26	25 N	10 W		714	SOUTH	767	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 N 89°57'14" E 2638.28' N 89°58'54" E 2636.80' ○ = SURFACE LOCATION (AS DRILLED) ● = BOTTOM HOLE LOCATION (TAKEN FROM DRILL LOG PROVIDED BY DRILLER)				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. <i>Teena M. Whiting</i> 4-6-10 Signature Date <i>Teena M. Whiting</i> Printed Name	
SECTION 26					
521' LAT: 36.371090° N LONG: 107.873266° W NAD 83 LAT: 36.371080° N LONG: 107.872648° W NAD 27 1458 - start lateral				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. 3/25/10 Date of Survey Signature and Seal of Professional Surveyor MARSHALL W. LINDEEN NEW MEXICO 17078 Certificate Number	
2643.53' 2289' 1926' LAT: 36.366762° N LONG: 107.859707° W NAD 83 LAT: 36.366752° N LONG: 107.859090° W NAD 27				2644.29' 768' 2639.89'	

B 4/28



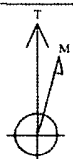
Arbor #22
San Juan Co., New Mexico

SITE DETAILS

Arbor #22
2289' FSL 522' FWL of Sec 26, T25N, R10W

Site Centre Latitude: 36°22'15.922N
Longitude: 107°52'23.743W

Ground Level: 6639.00
Positional Uncertainty: 0.00
Convergence: -0.02

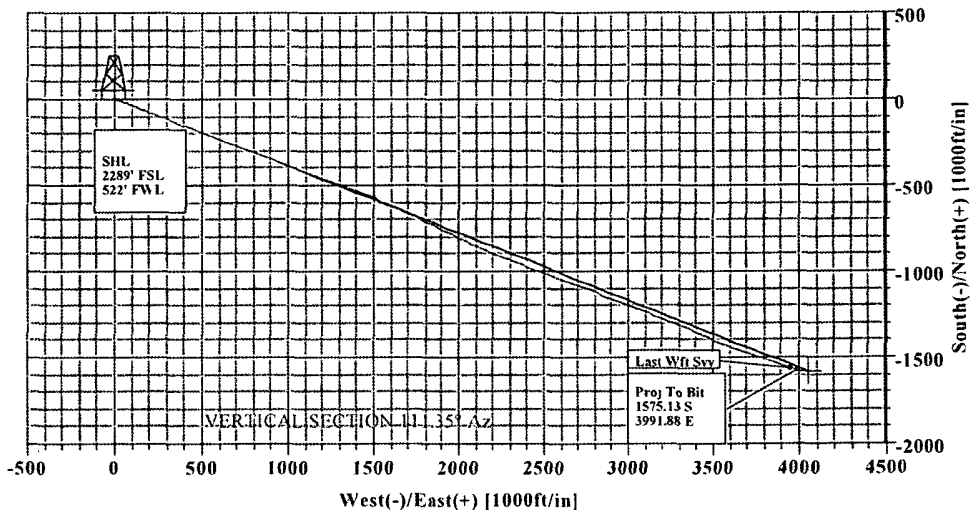
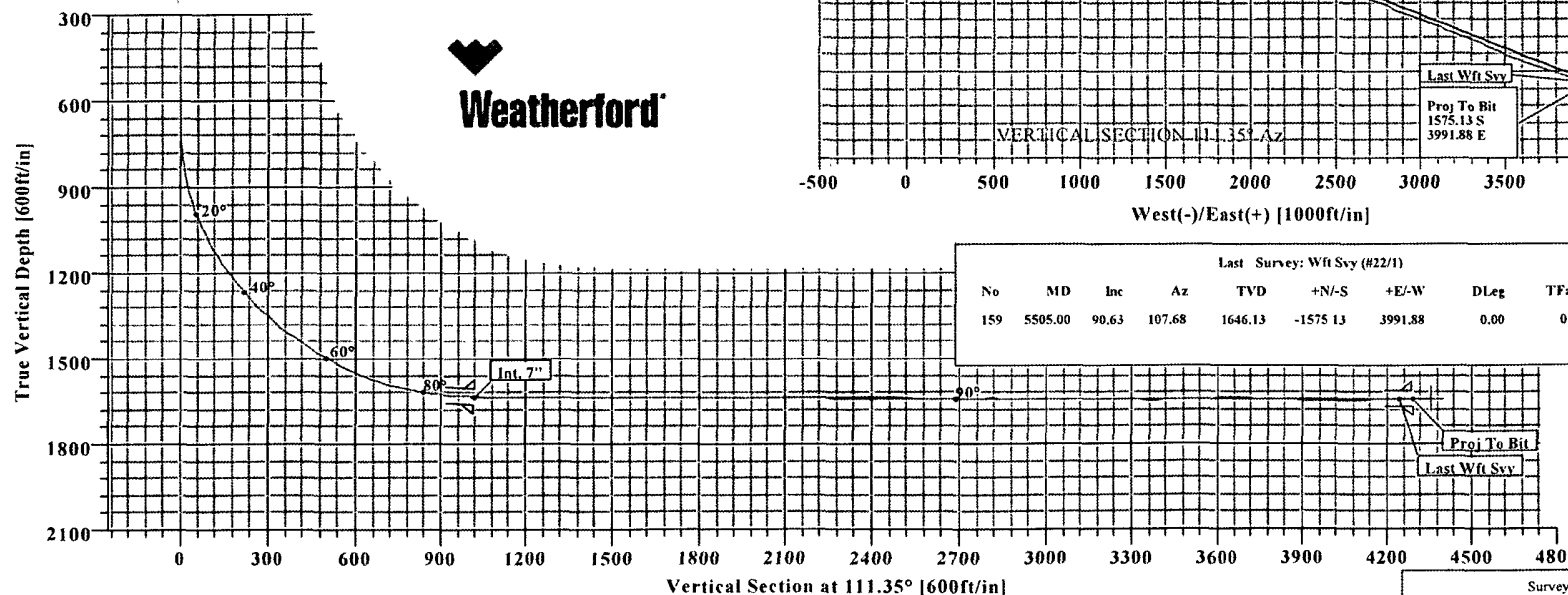


Azimuths to True North
Magnetic North 10.07°

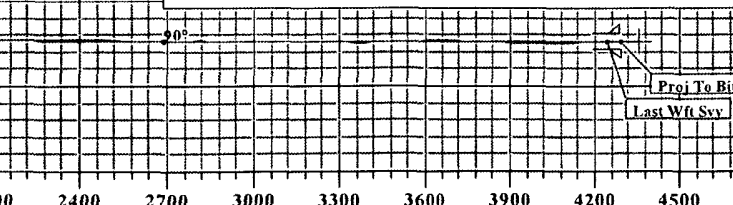
Magnetic Field
Strength 50698nT
Dip Angle 61.15°
Date 1/7/2010
Model IGRF2010

Total Correction to True North 10.07°

KB ELEV 6651'
GL ELEV 6639'



Last Survey: Wft Svy (#22/1)									
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
159	5505.00	90.63	107.68	1646.13	-1575.13	3991.88	0.00	0.00	4291.38



Survey Wft Svy (#22/1)
Created By Russell W Joyner Date 3/22/2010

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Weatherford International Ltd.

Survey Report - Geographic



Company:	XTO	Date:	3/22/2010	Time:	09:35:10	Page:	1
Field:	San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #22, True North				
Site:	Arbor #22	Vertical (TVD) Reference:	SITE 6651.0				
Well:	#22	Section (VS) Reference:	Well (0.00N,0.00E,111.35Azi)				
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: Well Centre
Geomagnetic Model: IGRF2010

Site: Arbor #22

2289' FSL 522' FWL of Sec 26, T25N, R10W

Site Position:	Northing:	1954384.63 ft	Latitude:	36 22 15.922 N
From: Geographic	Easting:	2711342.29 ft	Longitude:	107 52 23.743 W
Position Uncertainty:		0.00 ft	North Reference:	True
Ground Level:		6639.00 ft	Grid Convergence:	-0.02 deg

Well: #22

Slot Name:

Well Position:	+N-S	0.00 ft	Northing:	1954384.63 ft	Latitude:	36 22 15.922 N
	+E-W	0.00 ft	Easting:	2711342.29 ft	Longitude:	107 52 23.743 W
Position Uncertainty:		0.00 ft				

Wellpath: 1

Current Datum:	SITE	Height	6651.00 ft	Drilled From:	Surface
Magnetic Data:	1/7/2010			Tie-on Depth:	0.00 ft
Field Strength:	50698 nT			Above System Datum:	Mean Sea Level
Vertical Section:	Depth From (TVD)	+N-S		Declination:	10.07 deg
	ft	ft		Mag Dip Angle:	63.15 deg
				+E-W	Direction
				ft	deg
	0.00	0.00	0.00		111.35

Survey: Wft Svy

Start Date: 2/23/2010

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

Engineer: Lindsey Maddux
Tied-to: From Surface

Survey: Wft Svy

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	1954384.63	2711342.29	36	22	15.922 N	107	52	23.743 W
481.00	0.19	283.68	481.00	0.19	-0.77	1954384.81	2711341.51	36	22	15.924 N	107	52	23.752 W
619.00	0.25	208.93	619.00	-0.02	-1.14	1954384.61	2711341.15	36	22	15.922 N	107	52	23.757 W
639.00	0.30	154.77	639.00	-0.11	-1.14	1954384.52	2711341.15	36	22	15.921 N	107	52	23.757 W
671.00	1.25	112.55	671.00	-0.32	-0.78	1954384.31	2711341.51	36	22	15.919 N	107	52	23.753 W
703.00	2.81	107.80	702.97	-0.69	0.29	1954383.94	2711342.57	36	22	15.915 N	107	52	23.740 W
734.00	4.13	108.18	733.92	-1.27	2.07	1954383.35	2711344.36	36	22	15.909 N	107	52	23.718 W
766.00	5.81	104.68	765.80	-2.04	4.73	1954382.58	2711347.02	36	22	15.902 N	107	52	23.685 W
797.00	7.50	104.55	796.59	-2.95	8.21	1954381.68	2711350.50	36	22	15.893 N	107	52	23.643 W
828.00	9.00	107.80	827.26	-4.20	12.48	1954380.42	2711354.76	36	22	15.881 N	107	52	23.590 W
859.00	10.88	108.68	857.80	-5.87	17.56	1954378.74	2711359.84	36	22	15.864 N	107	52	23.528 W
891.00	13.00	108.05	889.10	-7.96	23.84	1954376.66	2711366.13	36	22	15.843 N	107	52	23.451 W
923.00	14.75	110.30	920.17	-10.49	31.08	1954374.13	2711373.37	36	22	15.818 N	107	52	23.363 W
955.00	16.88	112.05	950.96	-13.64	39.21	1954370.97	2711381.49	36	22	15.787 N	107	52	23.264 W
986.00	18.94	111.93	980.45	-17.21	48.05	1954367.39	2711390.33	36	22	15.752 N	107	52	23.155 W
1016.00	21.13	111.18	1008.63	-20.98	57.61	1954363.62	2711399.89	36	22	15.714 N	107	52	23.039 W
1046.00	23.50	110.43	1036.39	-25.03	68.26	1954359.57	2711410.54	36	22	15.675 N	107	52	22.908 W
1077.00	25.88	109.43	1064.55	-29.44	80.43	1954355.16	2711422.71	36	22	15.631 N	107	52	22.759 W
1107.00	28.25	109.55	1091.26	-33.99	93.30	1954350.60	2711435.57	36	22	15.586 N	107	52	22.602 W
1137.00	29.94	111.30	1117.48	-39.09	106.97	1954345.50	2711449.24	36	22	15.535 N	107	52	22.435 W
1167.00	31.56	112.30	1143.26	-44.78	121.21	1954339.79	2711463.48	36	22	15.479 N	107	52	22.261 W
1198.00	33.50	112.55	1169.39	-51.14	136.61	1954333.42	2711478.88	36	22	15.416 N	107	52	22.072 W
1228.00	35.00	112.93	1194.19	-57.67	152.18	1954326.89	2711494.45	36	22	15.352 N	107	52	21.882 W



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Arbor #22
Well: #22
Wellpath: 1

Date: 3/22/2010 Time: 09:35:10 Page: 2
Co-ordinate(NE) Reference: Well: #22, True North
Vertical (TVD) Reference: SITE 6651.0
Section (VS) Reference: Well (0.00N,0.00E,111.35Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy

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		
1258.00	36.38	113.18	1218.56	-64.53	168.29	1954320.03	2711510.55	36	22	15 284 N	107	52	21.685 W
1286.00	37.78	112.74	1240.89	-71.11	183.83	1954313.44	2711526.09	36	22	15 219 N	107	52	21.495 W
1316.00	39.38	112.05	1264.34	-78.24	201.13	1954306.31	2711543.39	36	22	15 148 N	107	52	21.284 W
1346.00	41.38	110.80	1287.20	-85.33	219.22	1954299.20	2711561.48	36	22	15.078 N	107	52	21.062 W
1377.00	43.69	110.68	1310.04	-92.75	238.82	1954291.78	2711581.07	36	22	15.005 N	107	52	20.823 W
1407.00	45.50	111.05	1331.40	-100.25	258.50	1954284.26	2711600.75	36	22	14.931 N	107	52	20.582 W
1437.00	47.19	111.55	1352.11	-108.14	278.72	1954276.37	2711620.97	36	22	14.853 N	107	52	20.335 W
1466.00	48.88	112.05	1371.50	-116.15	298.74	1954268.35	2711640.98	36	22	14.773 N	107	52	20.090 W
1496.00	50.38	112.43	1390.93	-124.80	319.90	1954259.69	2711662.13	36	22	14.688 N	107	52	19.831 W
1527.00	52.13	112.05	1410.33	-133.95	342.27	1954250.54	2711684.51	36	22	14.597 N	107	52	19.558 W
1556.00	53.75	111.05	1427.81	-142.45	363.80	1954242.03	2711706.03	36	22	14.513 N	107	52	19.294 W
1587.00	55.06	110.43	1445.85	-151.37	387.37	1954233.09	2711729.60	36	22	14.425 N	107	52	19.006 W
1617.00	56.50	109.93	1462.72	-159.93	410.66	1954224.53	2711752.88	36	22	14.340 N	107	52	18.721 W
1647.00	58.21	110.00	1478.90	-168.55	434.40	1954215.89	2711776.62	36	22	14.255 N	107	52	18.431 W
1677.00	59.44	110.05	1494.43	-177.34	458.51	1954207.09	2711800.73	36	22	14.168 N	107	52	18.136 W
1707.00	61.25	110.43	1509.28	-186.36	482.97	1954198.06	2711825.18	36	22	14.079 N	107	52	17.837 W
1738.00	62.69	110.39	1523.84	-195.91	508.62	1954188.51	2711850.83	36	22	13.985 N	107	52	17.523 W
1767.00	64.81	111.30	1536.67	-205.16	532.92	1954179.24	2711875.13	36	22	13.893 N	107	52	17.226 W
1798.00	66.69	111.93	1549.40	-215.57	559.20	1954168.82	2711901.40	36	22	13.790 N	107	52	16.905 W
1827.00	67.38	111.93	1560.72	-225.55	583.97	1954158.84	2711926.16	36	22	13.691 N	107	52	16.602 W
1858.00	69.13	112.05	1572.20	-236.33	610.67	1954148.05	2711952.86	36	22	13.585 N	107	52	16.276 W
1888.00	71.81	112.05	1582.23	-246.94	636.87	1954137.42	2711979.06	36	22	13.480 N	107	52	15.955 W
1919.00	74.88	111.80	1591.11	-258.03	664.42	1954126.32	2712006.60	36	22	13.370 N	107	52	15.618 W
1951.00	76.88	111.80	1598.92	-269.55	693.23	1954114.79	2712035.41	36	22	13.256 N	107	52	15.266 W
1983.00	77.81	111.93	1605.93	-281.18	722.21	1954103.15	2712064.38	36	22	13.141 N	107	52	14.912 W
2014.00	78.63	111.56	1612.26	-292.42	750.39	1954091.89	2712092.56	36	22	13.030 N	107	52	14.567 W
2046.00	80.06	111.18	1618.17	-303.88	779.68	1954080.42	2712121.84	36	22	12.917 N	107	52	14.209 W
2078.00	81.75	110.55	1623.23	-315.14	809.20	1954069.16	2712151.36	36	22	12.805 N	107	52	13.848 W
2109.00	83.69	110.43	1627.16	-325.90	838.01	1954058.38	2712180.16	36	22	12.699 N	107	52	13.496 W
2141.00	85.63	110.63	1630.14	-337.07	867.84	1954047.20	2712209.99	36	22	12.588 N	107	52	13.131 W
2173.00	86.88	110.93	1632.23	-348.40	897.70	1954035.85	2712239.84	36	22	12.476 N	107	52	12.766 W
2189.00	87.06	110.68	1633.07	-354.08	912.63	1954030.17	2712254.77	36	22	12.420 N	107	52	12.583 W
2215.00	87.29	110.94	1634.36	-363.30	936.91	1954020.94	2712279.04	36	22	12.329 N	107	52	12.286 W
2230.00	87.39	110.47	1635.05	-368.60	950.92	1954015.63	2712293.06	36	22	12.277 N	107	52	12.115 W
2271.00	87.66	109.19	1636.82	-382.49	989.45	1954001.72	2712331.58	36	22	12.139 N	107	52	11.644 W
2302.00	89.05	109.80	1637.71	-392.84	1018.66	1953991.37	2712360.79	36	22	12.037 N	107	52	11.287 W
2332.00	90.00	109.55	1637.96	-402.94	1046.91	1953981.26	2712389.03	36	22	11.937 N	107	52	10.941 W
2363.00	91.06	109.55	1637.68	-413.31	1076.12	1953970.87	2712418.24	36	22	11.834 N	107	52	10.584 W
2394.00	90.38	109.55	1637.29	-423.68	1105.33	1953960.49	2712447.45	36	22	11.732 N	107	52	10.227 W
2425.00	90.88	110.05	1636.94	-434.18	1134.50	1953949.98	2712476.61	36	22	11.628 N	107	52	9.870 W
2456.00	89.94	109.77	1636.72	-444.74	1163.64	1953939.41	2712505.75	36	22	11.524 N	107	52	9.514 W
2486.00	88.44	109.68	1637.15	-454.86	1191.88	1953929.27	2712533.98	36	22	11.424 N	107	52	9.168 W
2517.00	89.00	109.43	1637.84	-465.24	1221.08	1953918.89	2712563.18	36	22	11.321 N	107	52	8.811 W
2548.00	90.00	109.30	1638.11	-475.51	1250.33	1953908.60	2712592.42	36	22	11.219 N	107	52	8.454 W
2579.00	89.00	109.43	1638.38	-485.79	1279.57	1953898.30	2712621.66	36	22	11.118 N	107	52	8.096 W
2609.00	88.94	109.93	1638.92	-495.89	1307.82	1953888.19	2712649.90	36	22	11.018 N	107	52	7.751 W
2639.00	89.69	110.43	1639.28	-506.24	1335.97	1953877.83	2712678.05	36	22	10.915 N	107	52	7.406 W
2670.00	90.31	111.18	1639.28	-517.25	1364.95	1953866.81	2712707.03	36	22	10.806 N	107	52	7.052 W
2701.00	91.25	111.05	1638.86	-528.42	1393.87	1953855.63	2712735.94	36	22	10.696 N	107	52	6.699 W
2731.00	91.13	111.93	1638.23	-539.41	1421.78	1953844.63	2712763.84	36	22	10.587 N	107	52	6.357 W
2762.00	91.25	112.93	1637.59	-551.23	1450.42	1953832.79	2712792.48	36	22	10.470 N	107	52	6.007 W
2793.00	90.31	113.18	1637.17	-563.37	1478.94	1953820.64	2712821.00	36	22	10.350 N	107	52	5.658 W



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Arbor #22
Well: #22
Wellpath: 1

Date: 3/22/2010 Time: 09:35:10 Page: 3
Co-ordinate(NE) Reference: Well: #22, True North
Vertical (TVD) Reference: SITE 6651.0
Section (VS) Reference: Well (0.00N,0.00E,111.35Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy

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
2824.00	89.13	114.43	1637.32	-575.88	1507.31	1953808.12	2712849.36	36 22 10.227 N	107 52 5.311 W
2855.00	89.69	114.55	1637.64	-588.73	1535.52	1953795.26	2712877.56	36 22 10.099 N	107 52 4.966 W
2884.00	90.44	114.30	1637.61	-600.72	1561.92	1953783.26	2712903.96	36 22 9.981 N	107 52 4.644 W
2915.00	91.50	114.30	1637.08	-613.48	1590.17	1953770.49	2712932.20	36 22 9.855 N	107 52 4.298 W
2946.00	90.63	114.80	1636.50	-626.36	1618.36	1953757.60	2712960.39	36 22 9.727 N	107 52 3.953 W
2976.00	89.94	114.55	1636.36	-638.88	1645.62	1953745.07	2712987.65	36 22 9.603 N	107 52 3.620 W
3007.00	89.06	114.68	1636.63	-651.79	1673.80	1953732.14	2713015.82	36 22 9.476 N	107 52 3.275 W
3038.00	89.76	114.52	1636.94	-664.70	1701.99	1953719.23	2713044.00	36 22 9.348 N	107 52 2.931 W
3068.00	88.63	114.80	1637.37	-677.21	1729.25	1953706.70	2713071.26	36 22 9.224 N	107 52 2.598 W
3099.00	89.19	114.68	1637.96	-690.18	1757.40	1953693.72	2713099.40	36 22 9.096 N	107 52 2.253 W
3130.00	89.00	115.43	1638.45	-703.31	1785.48	1953680.58	2713127.47	36 22 8.966 N	107 52 1.910 W
3161.00	89.81	115.68	1638.77	-716.68	1813.44	1953667.20	2713155.43	36 22 8.834 N	107 52 1.568 W
3192.00	88.56	115.80	1639.21	-730.14	1841.36	1953653.72	2713183.35	36 22 8.701 N	107 52 1.227 W
3223.00	89.06	115.80	1639.85	-743.63	1869.27	1953640.22	2713211.25	36 22 8.567 N	107 52 0.885 W
3255.00	89.88	115.93	1640.15	-757.59	1898.06	1953626.25	2713240.04	36 22 8.429 N	107 52 0.533 W
3287.00	90.94	115.68	1639.92	-771.52	1926.87	1953612.31	2713268.84	36 22 8.292 N	107 52 0.181 W
3319.00	90.06	115.55	1639.64	-785.35	1955.72	1953598.46	2713297.69	36 22 8.155 N	107 51 59.828 W
3351.00	89.00	115.80	1639.90	-799.22	1984.56	1953584.59	2713326.52	36 22 8.018 N	107 51 59.476 W
3382.00	89.73	115.64	1640.25	-812.67	2012.49	1953571.12	2713354.44	36 22 7.885 N	107 51 59.134 W
3415.00	90.63	115.43	1640.14	-826.89	2042.26	1953556.89	2713384.21	36 22 7.744 N	107 51 58.770 W
3447.00	89.31	114.80	1640.16	-840.48	2071.24	1953543.29	2713413.18	36 22 7.610 N	107 51 58.416 W
3479.00	88.00	113.80	1640.91	-853.64	2100.39	1953530.12	2713442.33	36 22 7.479 N	107 51 58.059 W
3511.00	88.56	113.80	1641.87	-866.55	2129.66	1953517.20	2713471.59	36 22 7.352 N	107 51 57.701 W
3543.00	89.50	113.68	1642.41	-879.43	2158.95	1953504.30	2713500.87	36 22 7.224 N	107 51 57.343 W
3575.00	90.06	112.43	1642.54	-891.96	2188.39	1953491.76	2713530.31	36 22 7.100 N	107 51 56.983 W
3607.00	89.19	112.43	1642.74	-904.17	2217.97	1953479.54	2713559.88	36 22 6.980 N	107 51 56.622 W
3639.00	90.00	112.30	1642.97	-916.35	2247.56	1953467.35	2713589.47	36 22 6.859 N	107 51 56.260 W
3671.00	90.69	111.18	1642.78	-928.20	2277.28	1953455.49	2713619.19	36 22 6.742 N	107 51 55.896 W
3703.00	91.56	111.05	1642.15	-939.72	2307.13	1953443.95	2713649.03	36 22 6.628 N	107 51 55.531 W
3736.00	90.25	111.18	1641.63	-951.61	2337.91	1953432.05	2713679.80	36 22 6.510 N	107 51 55.155 W
3768.00	91.00	111.05	1641.28	-963.14	2367.76	1953420.51	2713709.65	36 22 6.396 N	107 51 54.790 W
3800.00	89.75	110.43	1641.07	-974.47	2397.68	1953409.17	2713739.57	36 22 6.284 N	107 51 54.424 W
3832.00	88.63	109.80	1641.52	-985.47	2427.73	1953398.15	2713769.61	36 22 6.175 N	107 51 54.057 W
3863.00	89.06	109.55	1642.15	-995.91	2456.91	1953387.70	2713798.79	36 22 6.072 N	107 51 53.700 W
3895.00	89.81	109.30	1642.46	-1006.55	2487.09	1953377.05	2713828.96	36 22 5.967 N	107 51 53.331 W
3927.00	90.69	109.18	1642.32	-1017.09	2517.30	1953366.49	2713859.17	36 22 5.863 N	107 51 52.961 W
3959.00	91.75	109.30	1641.64	-1027.63	2547.50	1953355.94	2713889.37	36 22 5.758 N	107 51 52.592 W
3991.00	91.19	110.55	1640.82	-1038.54	2577.58	1953345.02	2713919.44	36 22 5.650 N	107 51 52.224 W
4023.00	89.93	111.15	1640.51	-1049.93	2607.48	1953333.62	2713949.34	36 22 5.538 N	107 51 51.859 W
4055.00	88.38	111.55	1640.98	-1061.57	2637.28	1953321.96	2713979.13	36 22 5.423 N	107 51 51.494 W
4087.00	87.94	110.80	1642.01	-1073.13	2667.10	1953310.40	2714008.95	36 22 5.308 N	107 51 51.130 W
4118.00	88.63	110.80	1642.94	-1084.13	2696.07	1953299.38	2714037.91	36 22 5.199 N	107 51 50.776 W
4150.00	89.81	110.55	1643.37	-1095.43	2726.01	1953288.07	2714067.84	36 22 5.088 N	107 51 50.410 W
4182.00	89.38	110.80	1643.60	-1106.72	2755.94	1953276.76	2714097.78	36 22 4.976 N	107 51 50.043 W
4215.00	90.00	111.05	1643.78	-1118.51	2786.77	1953264.96	2714128.59	36 22 4.859 N	107 51 49.667 W
4247.00	89.31	110.68	1643.97	-1129.91	2816.67	1953253.55	2714158.49	36 22 4.747 N	107 51 49.301 W
4279.00	90.00	111.05	1644.16	-1141.30	2846.57	1953242.15	2714188.39	36 22 4.634 N	107 51 48.935 W
4311.00	90.94	111.55	1643.90	-1152.93	2876.38	1953230.51	2714218.19	36 22 4.519 N	107 51 48.571 W
4343.00	90.75	112.18	1643.43	-1164.84	2906.08	1953218.58	2714247.88	36 22 4.401 N	107 51 48.208 W
4375.00	90.44	111.30	1643.09	-1176.70	2935.80	1953206.72	2714277.60	36 22 4.284 N	107 51 47.844 W
4407.00	88.44	111.30	1643.41	-1188.32	2965.61	1953195.08	2714307.41	36 22 4.169 N	107 51 47.480 W
4439.00	88.68	111.32	1644.21	-1199.94	2995.41	1953183.44	2714337.21	36 22 4.054 N	107 51 47.115 W
4471.00	88.19	110.68	1645.09	-1211.41	3025.28	1953171.97	2714367.06	36 22 3.940 N	107 51 46.750 W



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Arbor #22
Well: #22
Wellpath: 1

Date: 3/22/2010 Time: 09:35:10 Page: 4
Co-ordinate(NE) Reference: Well: #22, True North
Vertical (TVD) Reference: SITE 6651.0
Section (VS) Reference: Well (0.00N,0.00E,111 35Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy

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		
4503.00	88 50	109.93	1646.01	-1222.51	3055.27	1953160.86	2714397.06	36	22	3.831 N	107	51	46.383 W
4535.00	89.25	110.18	1646.64	-1233.48	3085.33	1953149.87	2714427.11	36	22	3.722 N	107	51	46.016 W
4567.00	89.06	110.18	1647.11	-1244.52	3115.36	1953138.82	2714457.13	36	22	3.613 N	107	51	45.649 W
4599.00	91.06	110.93	1647.08	-1255.75	3145.32	1953127.57	2714487.09	36	22	3.502 N	107	51	45.282 W
4631.00	91.30	110.16	1646.42	-1266.98	3175.28	1953116.33	2714517.04	36	22	3.391 N	107	51	44.916 W
4662.00	92 00	110.16	1645.52	-1277.66	3204.37	1953105.64	2714546.13	36	22	3.285 N	107	51	44.560 W
4694.00	92 75	110.43	1644.20	-1288.75	3234.36	1953094.54	2714576.11	36	22	3.175 N	107	51	44.194 W
4726.00	92 19	111.30	1642.82	-1300.13	3264.23	1953083.14	2714605.98	36	22	3.063 N	107	51	43.828 W
4758.00	91.44	111.80	1641.81	-1311.88	3293.98	1953071.38	2714635.72	36	22	2.947 N	107	51	43.465 W
4790.00	91.88	112.55	1640.88	-1323.96	3323.60	1953059.30	2714665.34	36	22	2.827 N	107	51	43.103 W
4823.00	91.81	112.68	1639.82	-1336.64	3354.04	1953046.60	2714695.78	36	22	2.702 N	107	51	42.730 W
4855.00	90 92	114.49	1639.05	-1349.44	3383.36	1953033.79	2714725.09	36	22	2.575 N	107	51	42.372 W
4887.00	89 75	115.93	1638.87	-1363.07	3412.31	1953020.15	2714754.04	36	22	2.440 N	107	51	42.018 W
4919.00	88.00	114.93	1639.50	-1376.80	3441.20	1953006.40	2714782.92	36	22	2.304 N	107	51	41.665 W
4951.00	86.44	114.05	1641.05	-1390.05	3470.29	1952993.14	2714812.00	36	22	2.173 N	107	51	41.309 W
4983.00	87.00	113.68	1642.88	-1402.98	3499.51	1952980.20	2714841.21	36	22	2.045 N	107	51	40.952 W
5015.00	88 00	113.30	1644.27	-1415.72	3528.83	1952967.45	2714870.53	36	22	1.919 N	107	51	40.593 W
5047.00	87.56	111.80	1645.51	-1427.98	3558.36	1952955.17	2714900.05	36	22	1.798 N	107	51	40.232 W
5080.00	88.06	110.93	1646.77	-1440.00	3589.06	1952943.15	2714930.76	36	22	1.679 N	107	51	39.857 W
5111.00	88.63	110.93	1647.67	-1451.07	3618.01	1952932.06	2714959.70	36	22	1.570 N	107	51	39.503 W
5142.00	89.38	110.55	1648.21	-1462.04	3646.99	1952921.08	2714988.68	36	22	1.461 N	107	51	39.148 W
5174.00	89.13	108.80	1648.62	-1472.82	3677.12	1952910.29	2715018.80	36	22	1.355 N	107	51	38.780 W
5206.00	89.75	108.30	1648.94	-1482.99	3707.46	1952900.10	2715049.13	36	22	1.254 N	107	51	38.409 W
5238.00	90 44	108.30	1648.88	-1493.04	3737.84	1952890.04	2715079.51	36	22	1.154 N	107	51	38.038 W
5270.00	91.19	108.18	1648.43	-1503.06	3768.23	1952880.01	2715109.89	36	22	1.055 N	107	51	37.666 W
5301.00	90 69	107.80	1647.92	-1512.63	3797.71	1952870.43	2715139.37	36	22	0.961 N	107	51	37.305 W
5334.00	91.50	107.80	1647.29	-1522.72	3829.12	1952860.33	2715170.78	36	22	0.861 N	107	51	36.921 W
5366.00	90 63	108.05	1646.70	-1532.56	3859.56	1952850.47	2715201.22	36	22	0.763 N	107	51	36.549 W
5398.00	89 56	107.93	1646.64	-1542.45	3890.00	1952840.57	2715231.65	36	22	0.666 N	107	51	36.177 W
5430.00	89.94	107.93	1646.78	-1552.30	3920.44	1952830.71	2715262.09	36	22	0.568 N	107	51	35.805 W
5458.00	90.63	107.68	1646.64	-1560.86	3947.10	1952822.14	2715288.75	36	22	0.484 N	107	51	35.479 W
5505.00	90.63	107.68	1646.13	-1575.13	3991.88	1952807.84	2715333.52	36	22	0.342 N	107	51	34.931 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2230.00	1635.05	7.000	8.500	Int. 7"
5505.00	1646.13	0.000	0.000	4 1/2"

Annotation

MD ft	TVD ft	
5458.00	1646.64	Last Wft Svy
5505.00	1646.13	Proj To Bit