

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S 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, 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 30-045-35025	² Pool Code 71629	³ Pool Name Basin FRUITLAND COAL
⁴ Property Code 38004	⁵ Property Name BOXER	⁶ Well Number 21H
⁷ GRID No 5380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 6665

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
D	27	25 N	10 W		202	NORTH	250	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
3/11/10 H	27	25 N	10 W		1955	NORTH	732	EAST	SAN JUAN

¹² Dedicated Acres N/2, 320 AC±	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
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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

16 N 89°56'55" E 202' LAT: 36.378740° N LONG: 107.892105° W NAD 83 LAT: 36.378730° N LONG: 107.891486° W NAD 27	2637.02'	N 89°54'20" E	2639.36'	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. Teena M. Whiting 3-8-10 Signature Date Teena M. Whiting Printed Name
N 0°02'07" E		LAT: 36.373946° N LONG: 107.877516° W NAD 83 LAT: 36.373936° N LONG: 107.876898° W NAD 27	731'	S 0°02'40" W
SECTION 27				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. 3/01/10 Date of Survey Signature and Seal of Professional Surveyor MARSHALL W. LINDEEN NEW MEXICO 3-2-10 17078 17078 Certificate Number
2640.01'	2638.59'		2643.53'	
N 0°01'49" E		0 = SURFACE LOCATION (AS DRILLED) ● = BOTTOM HOLE LOCATION (TAKEN FROM DRILL LOG PROVIDED BY DRILLER)		S 0°03'37" W
S 89°59'51" W	2639.29'	N 89°59'05" W	2635.25'	



BOXER #21 ✓
SAN JUAN CO, NEW MEXICO



Weatherford

SECTION DETAILS

Sec	MD	Inc	Azi	LVD	+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	515.95	0.00	0.00	515.95	0.00	0.00	0.00	0.00	0.00	
3	1335.95	46.00	120.00	1282.52	-134.05	232.18	5.00	120.00	265.46	
4	2285.11	89.92	112.74	1668.00	-489.61	975.00	5.36	-9.45	1087.37	LP3
5	2359.22	89.92	110.52	1668.10	-516.92	1043.89	3.00	-89.97	1161.47	
6	5862.50	89.92	110.52	1673.00	-1744.67	4324.98	0.00	0.00	4663.62	PBHL

FORMATION TOP DETAILS

No	LVDPath	MDPath	Formation
1	779.00	780.75	Ojo Alamo SS
2	934.00	942.39	Kirtland Shale
3	1265.00	1338.74	Fruitland Formation
4	1663.00	2281.67	Lower Fruitland Coal

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LP3	1668.00	-489.61	975.00	36°22'38.648N	107°53'19.656W	Point
PBHL	1673.00	-1744.67	4324.98	36°22'26.233N	107°52'38.690W	Point

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

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#21	0.00	0.00	1957175.13	2705796.50	36°22'43.190N	107°53'31.580W	N/A

SITE DETAILS

Boxer #21
200' FNL, 250' FNL of SEC 27 125N R10W
Site Centre Latitude: 36°22'43.490N
Longitude: 107°53'31.580W
Ground Level: 6666.00
Positional Uncertainty: 0.00
Convergence: -0.03

LEGEND

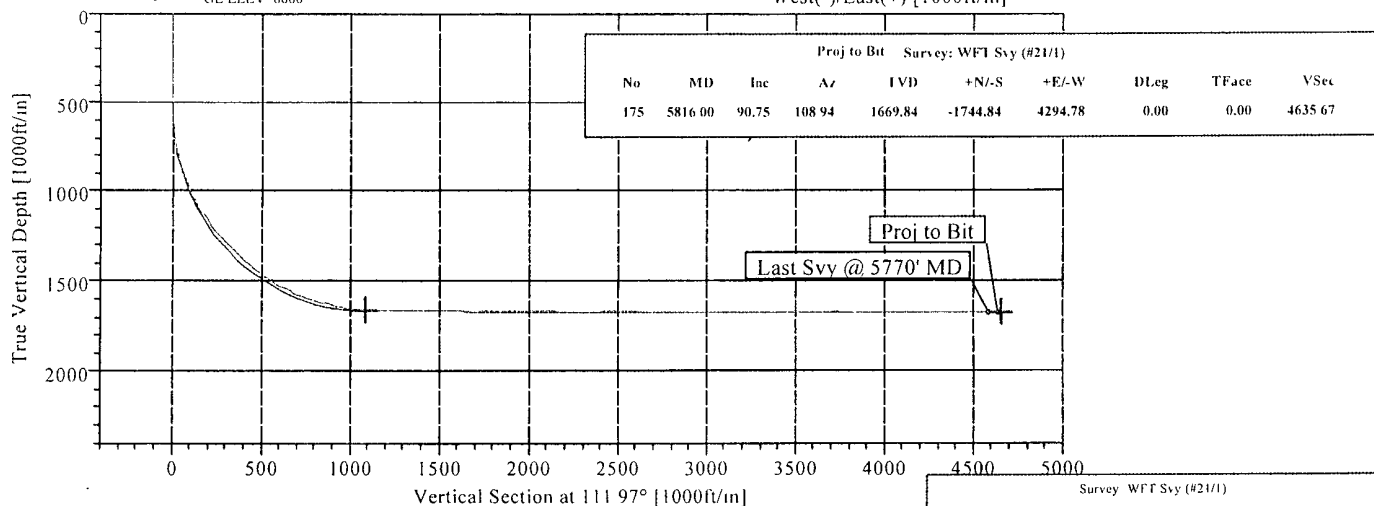
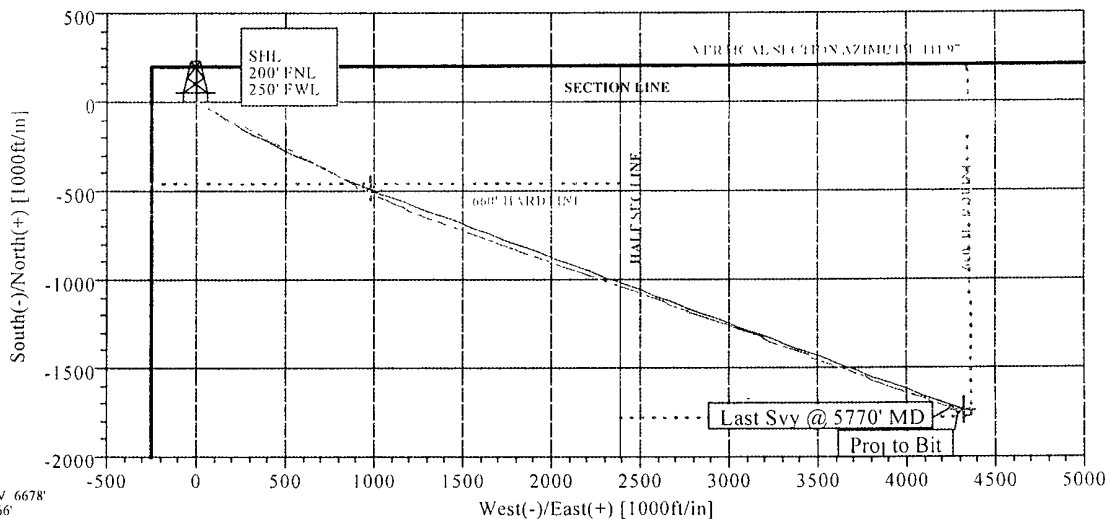
#21, Plan #3
 WFT Svy



Azimuths to True North
Magnetic North 10.07°

Magnetic Field
Strength 5069 In1
Dip Angle 63.13°
Date 2/9/2010
Model IGRF2010

TOTAL CORRECTION TO TRUE NORTH 10.07°



Survey: WFT Svy (#21/1)
Created By: Lindsey Maddux Date: 2/22/2010



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO	Date: 2/22/2010	Time: 08 32 13	Page: 1
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference: Well #21, True North		
Site: Boxer #21	Vertical (TVD) Reference: SITE 6678 0		
Well: #21	Section (VS) Reference: Well (0 00N,0 00E,111 97Azi)		
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 LevelMap Zone: New Mexico, Western Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: Boxer #21

200' FNL 250' FWL of SEC 27 T25N R10W

Site Position:	Northings:	1957175 13 ft	Latitude:	36 22 43 490 N
From: Geographic	Easting:	2705796 50 ft	Longitude:	107 53 31 580 W
Position Uncertainty:		0 00 ft	North Reference:	True
Ground Level:		6666 00 ft	Grid Convergence:	-0 03 deg

Well: #21

Slot Name:

Well Position:	+N/-S	0 00 ft	Northings:	1957175 13 ft	Latitude:	36 22 43 490 N
	+E/-W	0 00 ft	Easting:	2705796 50 ft	Longitude:	107 53 31 580 W
Position Uncertainty:		0 00 ft				

Wellpath: 1

Drilled From:	Surface
Tie-on Depth:	0 00 ft
Above System Datum:	Mean Sea Level
Declination:	10 07 deg
Mag Dip Angle:	63 15 deg
+E/-W	Direction
ft	deg

Current Datum:	SITE	Height	6678 00 ft
Magnetic Data:	2/9/2010		
Field Strength:	50691 nT		
Vertical Section:	Depth From (TVD)	+N/-S	
	ft	ft	
	0 00	0 00	0 00

111 97

Survey: WFT Svy

Start Date: 2/15/2010

Company: Weatherford International, Inc
Tool: MWD, MWD - StandardEngineer: Lindsey Maddux
Tied-to: From Surface

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
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	MWD
375 00	0 20	48 92	375 00	0 43	0 49	0 30	0 05	0 05	0 00	MWD
406 00	0 17	66 61	406 00	0 48	0 58	0 35	0 21	-0 10	57 06	MWD
436 00	0 19	84 56	436 00	0 51	0 67	0 43	0 20	0 07	59 83	MWD
467 00	0 11	70 26	467 00	0 52	0 75	0 50	0 28	-0 26	-46 13	MWD
497 00	0 14	66 71	497 00	0 55	0 81	0 54	0 10	0 10	-11 83	MWD
526 00	0 63	121 83	526 00	0 48	0 97	0 73	1 94	1 69	190 07	MWD
555 00	1 35	121 69	554 99	0 21	1 40	1 22	2 48	2 48	-0 48	MWD
586 00	2 29	117 00	585 98	-0 26	2 26	2 20	3 07	3 03	-15 13	MWD
616 00	3 44	116 31	615 94	-0 93	3 60	3 69	3 83	3 83	-2 30	MWD
645 00	4 88	116 69	644 86	-1 87	5 49	5 79	4 97	4 97	1 31	MWD
675 00	6 44	117 44	674 72	-3 22	8 12	8 73	5 21	5 20	2 50	MWD
706 00	8 13	117 81	705 46	-5 04	11 60	12 65	5 45	5 45	1 19	MWD
736 00	9 94	117 69	735 09	-7 24	15 77	17 33	6 03	6 03	-0 40	MWD
766 00	11 50	117 44	764 57	-9 82	20 72	22 89	5 20	5 20	-0 83	MWD
797 00	13 00	116 69	794 86	-12 81	26 58	29 44	4 87	4 84	-2 42	MWD
827 00	14 56	116 31	823 99	-16 00	32 97	36 56	5 21	5 20	-1 27	MWD
856 00	16 00	116 06	851 97	-19 37	39 83	44 18	4 97	4 97	-0 86	MWD
887 00	17 57	114 79	881 65	-23 21	47 92	53 12	5 20	5 06	-4 10	MWD
917 00	19 13	113 69	910 12	-27 08	56 53	62 56	5 33	5 20	-3 67	MWD
947 00	20 88	113 81	938 31	-31 21	65 92	72 81	5 83	5 83	0 40	MWD
979 00	22 81	115 94	968 01	-36 23	76 72	84 70	6 52	6 03	6 66	MWD
1011 00	24 63	118 31	997 31	-42 11	88 17	97 52	6 42	5 69	7 41	MWD
1043 00	26 75	120 06	1026 14	-48 88	100 27	111 28	7 04	6 62	5 47	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO Date: 2/22/2010 Time: 08 32 13 Page: 2
Field: San Juan, NM (NAD 83) Co-ordinate(NE) Reference: Well #21, True North
Site: Boxer #21 Vertical (TVD) Reference: SITE 6678 0
Well: #21 Section (VS) Reference: Well (0 00N,0 00E,111 97Az)
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
1074 00	29 06	119 44	1053 54	-56 07	112 87	125 65	7 51	7 45	-2 00	MWD
1107 00	31 45	119 45	1082 04	-64 25	127 35	142 14	7 24	7 24	0 03	MWD
1139 00	33 31	119 06	1109 06	-72 62	142 30	159 13	5 85	5 81	-1 22	MWD
1171 00	35 50	118 56	1135 46	-81 33	158 14	177 09	6 90	6 84	-1 56	MWD
1203 00	37 38	118 44	1161 21	-90 40	174 85	195 97	5 88	5 87	-0 37	MWD
1235 00	39 13	118 44	1186 33	-99 83	192 27	215 66	5 47	5 47	0 00	MWD
1267 00	40 13	118 69	1210 98	-109 59	210 19	235 93	3 16	3 12	0 78	MWD
1299 00	41 13	118 06	1235 26	-119 50	228 53	256 64	3 38	3 12	-1 97	MWD
1331 00	41 81	117 56	1259 24	-129 38	247 27	277 72	2 36	2 12	-1 56	MWD
1363 00	42 56	117 44	1282 95	-139 30	266 33	299 11	2 36	2 34	-0 37	MWD
1395 00	43 69	117 44	1306 31	-149 38	285 75	320 88	3 53	3 53	0 00	MWD
1427 00	45 19	117 31	1329 16	-159 69	305 64	343 19	4 70	4 69	-0 41	MWD
1459 00	46 69	117 31	1351 41	-170 24	326 07	366 08	4 69	4 69	0 00	MWD
1492 00	47 94	117 19	1373 78	-181 34	347 64	390 24	3 80	3 79	-0 36	MWD
1524 00	49 38	116 81	1394 92	-192 25	369 05	414 17	4 59	4 50	-1 19	MWD
1556 00	50 88	117 06	1415 43	-203 37	390 94	438 64	4 73	4 69	0 78	MWD
1587 00	52 19	117 44	1434 71	-214 49	412 52	462 81	4 33	4 23	1 23	MWD
1619 00	54 00	117 31	1453 93	-226 25	435 24	488 28	5 67	5 66	-0 41	MWD
1652 00	55 81	117 06	1472 90	-238 59	459 26	515 17	5 52	5 48	-0 76	MWD
1684 00	57 56	117 19	1490 47	-250 78	483 06	541 80	5 48	5 47	0 41	MWD
1716 00	59 19	116 81	1507 25	-263 15	507 33	568 94	5 19	5 09	-1 19	MWD
1748 00	60 88	115 69	1523 24	-275 41	532 20	596 58	6 09	5 28	-3 50	MWD
1780 00	62 94	115 31	1538 30	-287 56	557 68	624 76	6 52	6 44	-1 19	MWD
1813 00	65 00	116 06	1552 78	-300 41	584 40	654 35	6 57	6 24	2 27	MWD
1845 00	66 75	116 69	1565 86	-313 39	610 56	683 47	5 76	5 47	1 97	MWD
1877 00	67 81	117 19	1578 22	-326 76	636 87	712 87	3 61	3 31	1 56	MWD
1910 00	69 56	117 69	1590 22	-340 93	664 16	743 47	5 49	5 30	1 52	MWD
1941 00	71 75	118 31	1600 49	-354 66	689 98	772 56	7 31	7 06	2 00	MWD
1972 00	73 94	119 31	1609 63	-368 93	715 93	801 97	7 71	7 06	3 23	MWD
2004 00	75 06	119 69	1618 18	-384 12	742 77	832 54	3 68	3 50	1 19	MWD
2036 00	76 63	119 31	1626 01	-399 40	769 77	863 30	5 04	4 91	-1 19	MWD
2068 00	78 25	119 56	1632 96	-414 75	796 98	894 26	5 12	5 06	0 78	MWD
2099 00	79 54	119 48	1638 93	-429 73	823 45	924 42	4 17	4 16	-0 26	MWD
2130 00	79 88	119 31	1644 47	-444 71	850 02	954 66	1 22	1 10	-0 55	MWD
2162 00	80 75	118 19	1649 86	-459 88	877 67	985 99	4 39	2 72	-3 50	MWD
2194 00	83 06	116 31	1654 36	-474 38	905 84	1017 53	9 27	7 22	-5 87	MWD
2226 00	84 44	115 19	1657 85	-488 20	934 49	1049 27	5 54	4 31	-3 50	MWD
2258 00	84 69	114 81	1660 88	-501 66	963 36	1081 08	1 42	0 78	-1 19	MWD
2290 00	85 13	114 31	1663 72	-514 91	992 35	1112 92	2 08	1 37	-1 56	MWD
2322 00	86 44	113 94	1666 07	-527 95	1021 47	1144 81	4 25	4 09	-1 16	MWD
2345 00	88 06	114 44	1667 17	-537 37	1042 43	1167 77	7 37	7 04	2 17	MWD
2381 00	88 75	115 56	1668 17	-552 57	1075 04	1203 70	3 65	1 92	3 11	MWD
2397 00	89 25	116 06	1668 45	-559 54	1089 44	1219 66	4 42	3 12	3 12	MWD
2428 00	89 94	116 06	1668 67	-573 16	1117 29	1250 58	2 23	2 23	0 00	MWD
2459 00	91 81	115 19	1668 20	-586 56	1145 24	1281 52	6 65	6 03	-2 81	MWD
2488 00	92 88	114 69	1667 01	-598 78	1171 51	1310 45	4 07	3 69	-1 72	MWD
2519 00	91 92	114 24	1665 71	-611 61	1199 70	1341 40	3 42	-3 10	-1 45	MWD
2550 00	91 25	112 56	1664 86	-623 91	1228 14	1372 37	5 83	-2 16	-5 42	MWD
2580 00	90 25	111 06	1664 46	-635 06	1255 99	1402 37	6 01	-3 33	-5 00	MWD
2610 00	88 38	110 19	1664 82	-645 62	1284 06	1432 36	6 87	-6 23	-2 90	MWD
2641 00	88 81	110 31	1665 58	-656 35	1313 14	1463 33	1 44	1 39	0 39	MWD
2672 00	89 56	110 19	1666 02	-667 08	1342 22	1494 32	2 45	2 42	-0 39	MWD
2702 00	89 50	109 94	1666 27	-677 37	1370 40	1524 30	0 86	-0 20	-0 83	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Boxer #21
Well: #21
Wellpath: 1

Date: 2/22/2010 Time: 08 32 13 Page: 3
Co-ordinate(NE) Reference: Well #21, True North
Vertical (TVD) Reference: SITE 6678 0
Section (VS) Reference: Well (0 00N,0 00E,111 97Azi)
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
2733 00	88 80	109 94	1666 73	-687 94	1399 54	1555 28	2 26	-2 26	0 00	MWD
2763 00	88 00	109 56	1667 57	-698 08	1427 76	1585 24	2 95	-2 67	-1 27	MWD
2794 00	88 81	109 82	1668 43	-708 52	1456 94	1616 20	2 74	2 61	0 84	MWD
2825 00	89 38	109 94	1668 92	-719 06	1486 09	1647 18	1 88	1 84	0 39	MWD
2855 00	89 81	110 06	1669 13	-729 32	1514 28	1677 16	1 49	1 43	0 40	MWD
2886 00	90 94	109 94	1668 93	-739 92	1543 40	1708 14	3 67	3 65	-0 39	MWD
2915 00	90 25	110 19	1668 63	-749 87	1570 64	1737 12	2 53	-2 38	0 86	MWD
2946 00	91 06	110 44	1668 27	-760 63	1599 71	1768 11	2 73	2 61	0 81	MWD
2975 00	91 88	110 19	1667 53	-770 69	1626 90	1797 09	2 96	2 83	-0 86	MWD
3006 00	91 50	111 19	1666 61	-781 64	1655 89	1828 06	3 45	-1 23	3 23	MWD
3036 00	91 25	111 19	1665 89	-792 48	1683 85	1858 05	0 83	-0 83	0 00	MWD
3067 00	91 75	111 56	1665 08	-803 78	1712 71	1889 04	2 01	1 61	1 19	MWD
3097 00	90 38	110 69	1664 53	-814 59	1740 69	1919 03	5 41	-4 57	-2 90	MWD
3128 00	88 50	110 19	1664 83	-825 41	1769 73	1950 02	6 28	-6 06	-1 61	MWD
3158 00	89 00	109 94	1665 48	-835 70	1797 90	1979 99	1 86	1 67	-0 83	MWD
3189 00	89 63	110 19	1665 85	-846 34	1827 02	2010 97	2 19	2 03	0 81	MWD
3220 00	90 06	110 31	1665 94	-857 07	1856 10	2041 96	1 44	1 39	0 39	MWD
3251 00	89 75	109 81	1665 99	-867 70	1885 22	2072 94	1 90	-1 00	-1 61	MWD
3283 00	87 81	109 31	1666 67	-878 41	1915 37	2104 91	6 26	-6 06	-1 56	MWD
3315 00	87 44	107 94	1668 00	-888 62	1945 67	2136 82	4 43	-1 16	-4 28	MWD
3346 00	87 94	107 81	1669 25	-898 13	1975 14	2167 72	1 67	1 61	-0 42	MWD
3378 00	88 38	107 56	1670 27	-907 85	2005 62	2199 61	1 58	1 37	-0 78	MWD
3409 00	89 25	108 06	1670 91	-917 32	2035 12	2230 52	3 24	2 81	1 61	MWD
3441 00	89 81	108 44	1671 18	-927 35	2065 51	2262 46	2 11	1 75	1 19	MWD
3473 00	90 75	108 19	1671 02	-937 40	2095 89	2294 39	3 04	2 94	-0 78	MWD
3504 00	91 50	108 56	1670 41	-947 17	2125 31	2325 32	2 70	2 42	1 19	MWD
3536 00	90 88	109 44	1669 75	-957 59	2155 55	2357 27	3 36	-1 94	2 75	MWD
3568 00	91 25	109 56	1669 15	-968 27	2185 71	2389 24	1 22	1 16	0 37	MWD
3600 00	92 16	110 38	1668 20	-979 19	2215 78	2421 20	3 83	2 84	2 56	MWD
3632 00	90 75	109 44	1667 39	-990 08	2245 85	2453 17	5 30	-4 41	-2 94	MWD
3663 00	89 50	109 81	1667 32	-1000 50	2275 05	2484 14	4 21	-4 03	1 19	MWD
3695 00	90 31	110 06	1667 37	-1011 41	2305 13	2516 12	2 65	2 53	0 78	MWD
3727 00	89 63	109 44	1667 39	-1022 22	2335 25	2548 10	2 88	-2 12	-1 94	MWD
3759 00	89 25	110 31	1667 70	-1033 10	2365 34	2580 07	2 97	-1 19	2 72	MWD
3791 00	88 06	109 69	1668 45	-1044 04	2395 40	2612 05	4 19	-3 72	-1 94	MWD
3823 00	88 44	109 69	1669 43	-1054 82	2425 52	2644 01	1 19	1 19	0 00	MWD
3855 00	89 50	109 81	1670 01	-1065 63	2455 63	2675 98	3 33	3 31	0 37	MWD
3886 00	90 25	109 31	1670 07	-1076 01	2484 84	2706 95	2 91	2 42	-1 61	MWD
3919 00	88 69	109 19	1670 38	-1086 88	2515 99	2739 91	4 74	-4 73	-0 36	MWD
3950 00	89 50	109 31	1670 87	-1097 10	2545 26	2770 87	2 64	2 61	0 39	MWD
3982 00	90 38	109 69	1670 90	-1107 79	2575 42	2802 84	3 00	2 75	1 19	MWD
4015 00	91 20	110 03	1670 45	-1119 00	2606 46	2835 81	2 69	2 48	1 03	MWD
4047 00	90 63	110 19	1669 94	-1130 00	2636 50	2867 79	1 85	-1 78	0 50	MWD
4078 00	89 81	110 19	1669 82	-1140 70	2665 60	2898 78	2 65	-2 65	0 00	MWD
4110 00	90 75	110 31	1669 66	-1151 77	2695 62	2930 76	2 96	2 94	0 37	MWD
4142 00	90 69	110 06	1669 26	-1162 81	2725 65	2962 74	0 80	-0 19	-0 78	MWD
4174 00	89 88	109 31	1669 10	-1173 59	2755 78	2994 72	3 45	-2 53	-2 34	MWD
4206 00	87 81	108 69	1669 74	-1184 01	2786 03	3026 67	6 75	-6 47	-1 94	MWD
4237 00	88 69	108 94	1670 69	-1194 00	2815 36	3057 60	2 95	2 84	0 81	MWD
4269 00	90 25	109 31	1670 99	-1204 48	2845 59	3089 56	5 01	4 87	1 16	MWD
4301 00	89 25	110 06	1671 13	-1215 26	2875 72	3121 54	3 91	-3 12	2 34	MWD
4333 00	88 81	110 58	1671 67	-1226 37	2905 72	3153 52	2 13	-1 37	1 62	MWD
4365 00	89 06	110 31	1672 26	-1237 55	2935 70	3185 50	1 15	0 78	-0 84	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Boxer #21
Well: #21
Wellpath: 1

Date: 2/22/2010 Time: 08 32 13 Page: 4
Co-ordinate(NE) Reference: Well #21, True North
Vertical (TVD) Reference: SITE 6678 0
Section (VS) Reference: Well (0 00N,0 00E,111 97Azi)
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
4397 00	89 63	110 44	1672 63	-1248 69	2965 70	3217 49	1 83	1 78	0 41	MWD
4429 00	90 06	110 56	1672 72	-1259 89	2995 67	3249 48	1 40	1 34	0 37	MWD
4461 00	90 75	110 81	1672 49	-1271 20	3025 61	3281 47	2 29	2 16	0 78	MWD
4493 00	90 94	110 69	1672 02	-1282 53	3055 53	3313 46	0 70	0 59	-0 37	MWD
4525 00	91 44	110 81	1671 35	-1293 87	3085 44	3345 44	1 61	1 56	0 37	MWD
4557 00	91 38	111 19	1670 57	-1305 33	3115 31	3377 43	1 20	-0 19	1 19	MWD
4588 00	91 25	110 56	1669 85	-1316 38	3144 27	3408 41	2 07	-0 42	-2 03	MWD
4621 00	90 00	110 94	1669 49	-1328 07	3175 12	3441 40	3 96	-3 79	1 15	MWD
4653 00	89 03	111 11	1669 77	-1339 55	3204 99	3473 40	3 08	-3 03	0 53	MWD
4684 00	89 81	110 81	1670 08	-1350 64	3233 94	3504 39	2 70	2 52	-0 97	MWD
4717 00	89 44	110 69	1670 29	-1362 33	3264 80	3537 38	1 18	-1 12	-0 36	MWD
4749 00	90 13	110 56	1670 41	-1373 60	3294 75	3569 37	2 19	2 16	-0 41	MWD
4781 00	90 88	109 94	1670 13	-1384 67	3324 77	3601 36	3 04	2 34	-1 94	MWD
4813 00	90 81	110 69	1669 66	-1395 78	3354 77	3633 34	2 35	-0 22	2 34	MWD
4845 00	90 13	112 19	1669 40	-1407 48	3384 56	3665 34	5 15	-2 12	4 69	MWD
4876 00	91 06	111 94	1669 08	-1419 12	3413 28	3696 33	3 11	3 00	-0 81	MWD
4908 00	90 19	112 31	1668 73	-1431 17	3442 93	3728 33	2 95	-2 72	1 16	MWD
4940 00	89 56	111 31	1668 80	-1443 06	3472 63	3760 33	3 69	-1 97	-3 12	MWD
4972 00	88 69	110 31	1669 29	-1454 43	3502 54	3792 32	4 14	-2 72	-3 12	MWD
5004 00	89 19	109 94	1669 88	-1465 44	3532 58	3824 30	1 94	1 56	-1 16	MWD
5036 00	89 88	109 81	1670 14	-1476 32	3562 68	3856 28	2 19	2 16	-0 41	MWD
5068 00	90 83	109 57	1669 94	-1487 10	3592 80	3888 25	3 06	2 97	-0 75	MWD
5101 00	90 00	110 44	1669 70	-1498 39	3623 81	3921 23	3 64	-2 52	2 64	MWD
5133 00	90 75	110 69	1669 49	-1509 63	3653 77	3953 22	2 47	2 34	0 78	MWD
5165 00	89 69	111 44	1669 37	-1521 13	3683 63	3985 21	4 06	-3 31	2 34	MWD
5196 00	88 56	111 56	1669 84	-1532 49	3712 47	4016 21	3 67	-3 65	0 39	MWD
5228 00	89 06	111 81	1670 51	-1544 31	3742 20	4048 20	1 75	1 56	0 78	MWD
5260 00	89 81	111 81	1670 82	-1556 20	3771 91	4080 20	2 34	2 34	0 00	MWD
5292 00	90 69	111 56	1670 68	-1568 02	3801 64	4112 20	2 86	2 75	-0 78	MWD
5324 00	89 50	111 69	1670 63	-1579 82	3831 39	4144 20	3 74	-3 72	0 41	MWD
5356 00	89 19	110 94	1670 99	-1591 45	3861 20	4176 19	2 54	-0 97	-2 34	MWD
5387 00	88 13	110 56	1671 72	-1602 43	3890 18	4207 18	3 63	-3 42	-1 23	MWD
5419 00	88 69	110 31	1672 61	-1613 59	3920 15	4239 15	1 92	1 75	-0 78	MWD
5451 00	89 44	110 31	1673 13	-1624 70	3950 16	4271 13	2 34	2 34	0 00	MWD
5483 00	90 13	110 06	1673 25	-1635 74	3980 20	4303 12	2 29	2 16	-0 78	MWD
5515 00	90 69	109 69	1673 02	-1646 62	4010 29	4335 10	2 10	1 75	-1 16	MWD
5547 00	91 44	109 44	1672 43	-1657 33	4040 43	4367 06	2 47	2 34	-0 78	MWD
5579 00	90 50	109 44	1671 88	-1667 98	4070 61	4399 03	2 94	-2 94	0 00	MWD
5611 00	91 40	109 08	1671 35	-1678 54	4100 81	4430 99	3 03	2 81	-1 12	MWD
5643 00	90 69	108 81	1670 77	-1688 92	4131 07	4462 94	2 37	-2 22	-0 84	MWD
5674 00	89 56	109 19	1670 70	-1699 02	4160 38	4493 89	3 85	-3 65	1 23	MWD
5706 00	90 13	108 56	1670 79	-1709 37	4190 66	4525 85	2 65	1 78	-1 97	MWD
5738 00	90 19	108 69	1670 70	-1719 59	4220 99	4557 79	0 45	0 19	0 41	MWD
5770 00	90 75	108 94	1670 44	-1729 91	4251 27	4589 74	1 92	1 75	0 78	Last Svy @ 5770' MD
5816 00	90 75	108 94	1669 84	-1744 84	4294 78	4635 67	0.00	0.00	0.00	Proj to Bit

Annotation

MD ft	TVD ft	
5770 00	1670 44	Last Svy @ 5770' MD
5816 00	1669 84	Proj to Bit