

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32879	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 22637	⁵ Property Name STANOLIND GAS COM B	⁶ Well Number 5H
⁷ OGRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6046'

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
P	9	32-N	12-W		820	SOUTH	665	EAST	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
J	9	32-N	12-W		1508	SOUTH	2089	EAST	SAN JUAN

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JUN 21 '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 **DIS. 3**

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AS-DRILLED B.H.L.
B.H.L. FOOTAGES ARE AS-DRILLED
AND PROVIDED BY XTO ENERGY INC.
CLIENT

COLORADO

FD 3 1/4" BC.
1952 B.L.M.

NEW MEXICO

LOT 6

LOT 5

LOT 8

LOT 7

LOT 9

LOT 10

LOT 11

B.H.L.

S.H.L.

AS-DRILLED BOTTOM HOLE:
LAT: 36.99718° N. (NAD 83)
LONG: 108.09931° W. (NAD 83)
LAT: 36°59'49.84" N. (NAD 27)
LONG: 108°05'57.53" W. (NAD 27)

SURFACE:
LAT: 36.99524° N. (NAD 83)
LONG: 108.09438° W. (NAD 83)
LAT: 36°59'42.88" N. (NAD 27)
LONG: 108°05'39.78" W. (NAD 27)

N 63°54'07" W
1603.05'

N 87°24'12" W
2545.00'

804'

649'

2089'

FD 3 1/4" BC.
1952 B.L.M.

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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 6-18-10
Signature Date

Teena M. Whiting
Printed Name

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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.

JUNE 4, 2010
Date of Survey

[Signature]
Signature and Seal of Professional Land Surveyor

06-10
Certificate Number

REGISTERED PROFESSIONAL LAND SURVEYOR
NEW MEXICO
8894



Stanolind Gas Com B #5H
San Juan Co., NM

KB ELEV 6052'
GL ELEV 6046'

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	1814.90	0.00	0.00	1814.90	0.00	0.00	0.00	0.00	0.00	
3	1829.90	2.00	296.03	1829.90	0.11	-0.24	13.33	296.03	0.26	
4	1834.90	2.00	296.03	1834.89	0.19	-0.39	0.00	0.00	0.44	
5	2171.84	103.08	296.03	2014.26	102.94	-210.74	30.00	0.00	234.54	
6	3875.59	103.08	296.03	1628.60	831.33	-1701.87	0.00	0.00	1894.06	

WELL DETAILS

Name+N/S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#5H 0.00	0.00	2181655.56	423931.75	36°59'43.010N	108°05'37.720W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Pbhl P7	1628.60	831.33	-1701.87	36°59'51.230N	108°05'58.700W	Point

Survey: Wft Svy (#5H/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
56	3556.00	108.26	292.56	1661.95	704.02	-1440.18	0.00	0.00	1603.05



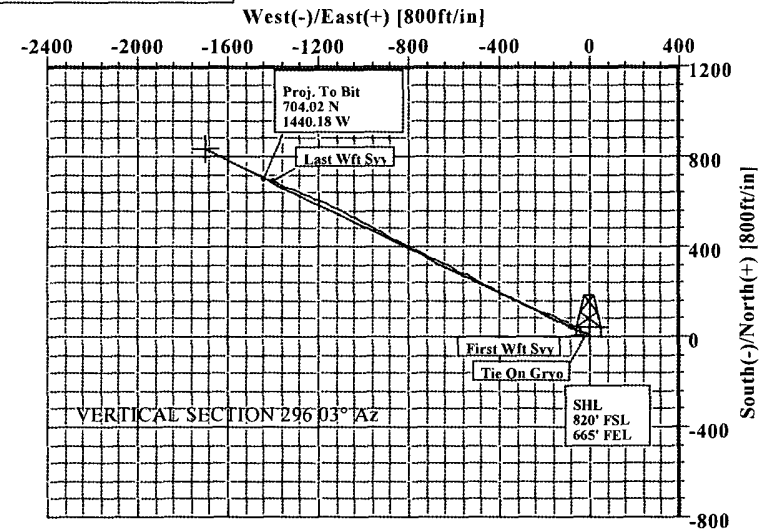
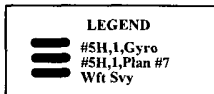
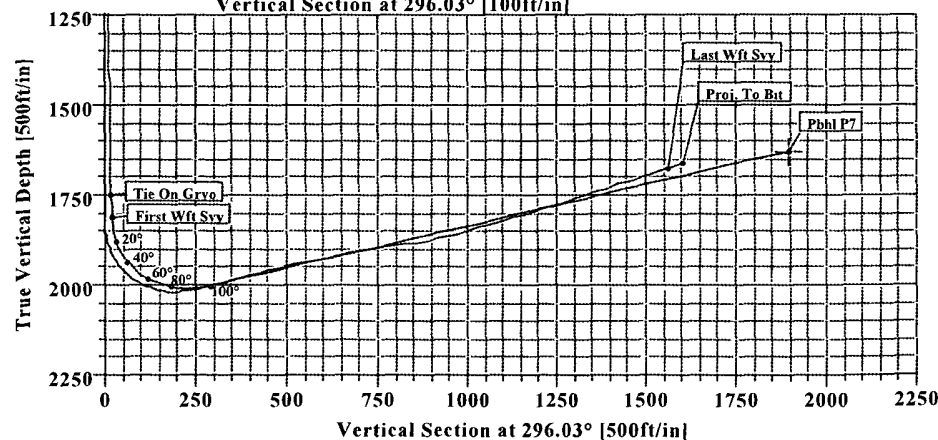
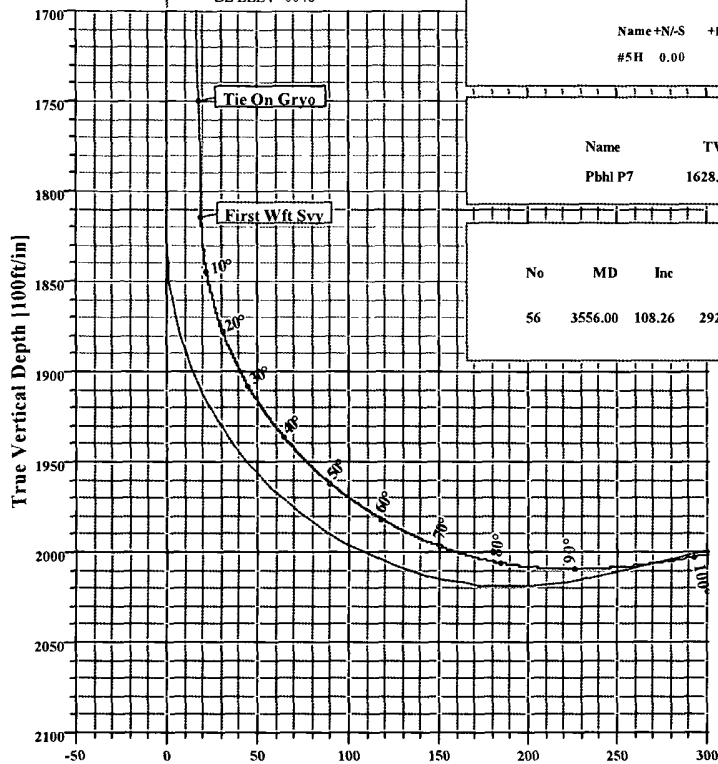
Weatherford®

FIELD DETAILS

SAN JUAN CO., NM (NAD 27)

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Western Zone
Magnetic Model: IGRF2010

System Datum: Mean Sea Level
Local North: True North



SITE DETAILS

Stanolind Gas Com B #5H
820' FSL 665' FEL of Sec 9, T32N, R12W
Site Centre Latitude: 36°59'43.010N
Longitude: 108°05'37.720W
Ground Level: 6046.00
Positional Uncertainty: 0.00
Convergence: -0.16



Azimuths to True North
Magnetic North: 10.20°

Magnetic Field
Strength: 50989nT
Dip Angle: 63.64°
Date: 5/28/2010
Model: IGRF2010

Total Correction to True North: 10.20°

Survey Wft Svy (#5H/1)

Created By Russell W Joyner

Date 6/2/2010



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO	Date: 6/2/2010	Time: 06.49:11	Page: 1
Field: SAN JUAN CO., NM (NAD 27)	Co-ordinate(NE) Reference:	Well: #5H, True North	
Site: Stanolind Gas Com B #5H	Vertical (TVD) Reference:	SITE 6052.0	
Well: #5H	Section (VS) Reference:	Well (0.00N,0.00E,296.03Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: SAN JUAN CO , NM (NAD 27)

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea LevelMap Zone: New Mexico, Western Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: Stanolind Gas Com B #5H

820' FSL 665' FEL of Sec 9, T32N, R12W

Site Position:	Northing:	2181655.56 ft	Latitude:	36 59 43.010 N
From: Geographic	Easting:	423931.75 ft	Longitude:	108 5 37.720 W
Position Uncertainty:	0.00 ft		North Reference:	True
Ground Level:	6046.00 ft		Grid Convergence:	-0.16 deg

Well: #5H

Slot Name:

Well Position:	+N/-S	0.00 ft	Northing:	2181655.56 ft	Latitude:	36 59 43.010 N
	+E/-W	0.00 ft	Easting:	423931.75 ft	Longitude:	108 5 37.720 W
Position Uncertainty:	0.00 ft					

Wellpath: 1

Drilled From:	Surface
Tie-on Depth:	0.00 ft
Above System Datum:	Mean Sea Level
Declination:	10.20 deg
Mag Dip Angle:	63.64 deg
+E/-W	Direction
ft	deg

Current Datum:	SITE	Height	6052.00 ft
Magnetic Data:	5/28/2010		
Field Strength:	50989 nT		
Vertical Section:	Depth From (TVD)	+N/-S	
	ft	ft	
	0.00	0.00	0.00

Survey: Wft Svy

Start Date: 5/28/2010

Company: Weatherford International Ltd
Tool: MWD;MWD - StandardEngineer: Russell W Joyner
Tied-to: User Defined

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
1750.00	1.37	313.35	1749.86	10.54	-14.44	2181666.14	423917.33	36 59 43.114 N	108 5 37.898 W
1815.00	1.46	307.58	1814.84	11.58	-15.66	2181667.18	423916.12	36 59 43.124 N	108 5 37.913 W
1866.00	15.82	296.93	1865.13	15.14	-22.41	2181670.76	423909.38	36 59 43.160 N	108 5 37.996 W
1897.00	25.26	303.01	1894.13	20.67	-31.75	2181676.32	423900.06	36 59 43.214 N	108 5 38.111 W
1928.00	34.62	306.36	1920.97	29.52	-44.41	2181685.20	423887.41	36 59 43.302 N	108 5 38.267 W
1959.00	43.00	303.59	1945.10	40.61	-60.34	2181696.33	423871.52	36 59 43.412 N	108 5 38.464 W
1991.00	52.12	300.43	1966.68	53.07	-80.36	2181708.84	423851.53	36 59 43.535 N	108 5 38.711 W
2022.00	61.06	296.85	1983.73	65.42	-103.07	2181721.26	423828.86	36 59 43.657 N	108 5 38.991 W
2054.00	69.88	293.10	1997.01	77.66	-129.44	2181733.58	423802.52	36 59 43.778 N	108 5 39.316 W
2085.00	78.61	290.32	2005.42	88.67	-157.13	2181744.66	423774.86	36 59 43.887 N	108 5 39.657 W
2114.00	87.06	289.35	2009.03	98.43	-184.17	2181754.49	423747.84	36 59 43.983 N	108 5 39.990 W
2145.00	92.38	289.62	2009.18	108.76	-213.39	2181764.90	423718.66	36 59 44.085 N	108 5 40.351 W
2177.00	97.98	291.79	2006.30	120.02	-243.19	2181776.25	423688.89	36 59 44.197 N	108 5 40.718 W
2240.00	103.75	294.72	1994.42	144.42	-300.01	2181800.80	423632.14	36 59 44.438 N	108 5 41.418 W
2271.00	107.06	297.97	1986.19	157.68	-326.78	2181814.13	423605.40	36 59 44.569 N	108 5 41.748 W
2303.00	108.06	299.60	1976.53	172.37	-353.52	2181828.89	423578.70	36 59 44.714 N	108 5 42.078 W
2334.00	104.75	298.47	1967.78	186.79	-379.52	2181843.39	423552.74	36 59 44.857 N	108 5 42.398 W
2366.00	103.38	296.72	1960.00	201.17	-407.03	2181857.84	423525.27	36 59 44.999 N	108 5 42.738 W
2397.00	103.50	297.10	1952.80	214.82	-433.91	2181871.56	423498.42	36 59 45.134 N	108 5 43.069 W
2429.00	103.66	297.52	1945.28	229.09	-461.55	2181885.91	423470.82	36 59 45.275 N	108 5 43.410 W
2460.00	101.81	297.60	1938.45	243.08	-488.36	2181899.97	423444.06	36 59 45.414 N	108 5 43.740 W
2492.00	101.81	297.22	1931.90	257.50	-516.16	2181914.47	423416.29	36 59 45.556 N	108 5 44.083 W
2523.00	101.88	297.22	1925.54	271.37	-543.14	2181928.42	423389.35	36 59 45.693 N	108 5 44.416 W



Weatherford International Ltd.

Survey Report - Geographic

**Weatherford**

Company: XTO
Field: SAN JUAN CO., NM (NAD 27)
Site: Stanolind Gas Com B #5H
Well: #5H
Wellpath: 1

Date: 6/2/2010 Time: 06:49:11 Page: 2
Co-ordinate(NE) Reference: Well: #5H, True North
Vertical (TVD) Reference: SITE 6052.0
Section (VS) Reference: Well (0.00N,0.00E,296.03Azi)
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		
2555.00	100.16	296.52	1919.42	285.57	-571.16	2181942.69	423361.37	36	59	45.834 N	108	5	44.761 W
2586.00	100.25	296.35	1913.93	299.15	-598.48	2181956.35	423334.09	36	59	45.968 N	108	5	45.098 W
2618.00	100.44	296.10	1908.18	313.06	-626.72	2181970.33	423305.88	36	59	46.106 N	108	5	45.446 W
2649.00	101.00	296.47	1902.41	326.55	-654.03	2181983.90	423278.61	36	59	46.239 N	108	5	45.782 W
2681.00	100.52	295.54	1896.44	340.33	-682.28	2181997.76	423250.40	36	59	46.375 N	108	5	46.131 W
2712.00	98.00	295.60	1891.45	353.54	-709.88	2182011.04	423222.84	36	59	46.506 N	108	5	46.471 W
2742.00	97.94	295.60	1887.29	366.38	-736.67	2182023.95	423196.08	36	59	46.633 N	108	5	46.801 W
2774.00	97.31	295.47	1883.05	380.05	-765.29	2182037.70	423167.50	36	59	46.768 N	108	5	47.154 W
2806.00	99.92	297.02	1878.25	394.04	-793.67	2182051.76	423139.16	36	59	46.906 N	108	5	47.504 W
2837.00	103.38	298.97	1871.99	408.28	-820.47	2182066.08	423112.39	36	59	47.047 N	108	5	47.834 W
2867.00	103.88	299.22	1864.92	422.46	-845.95	2182080.33	423086.96	36	59	47.187 N	108	5	48.148 W
2897.00	105.56	298.97	1857.30	436.57	-871.30	2182094.51	423061.64	36	59	47.327 N	108	5	48.461 W
2927.00	106.87	298.71	1848.92	450.46	-896.53	2182108.47	423036.45	36	59	47.464 N	108	5	48.772 W
2958.00	106.38	298.22	1840.06	464.62	-922.65	2182122.70	423010.37	36	59	47.604 N	108	5	49.094 W
2990.00	105.06	297.85	1831.39	479.10	-949.84	2182137.25	422983.22	36	59	47.747 N	108	5	49.429 W
3024.00	104.50	297.97	1822.71	494.49	-978.89	2182152.72	422954.22	36	59	47.900 N	108	5	49.787 W
3055.00	104.81	298.26	1814.87	508.62	-1005.34	2182166.92	422927.80	36	59	48.039 N	108	5	50.113 W
3087.00	106.31	297.85	1806.28	523.12	-1032.54	2182181.50	422900.64	36	59	48.183 N	108	5	50.449 W
3118.00	106.31	297.47	1797.58	536.93	-1058.90	2182195.38	422874.32	36	59	48.319 N	108	5	50.774 W
3149.00	106.56	296.47	1788.81	550.41	-1085.40	2182208.94	422847.86	36	59	48.453 N	108	5	51.100 W
3181.00	107.69	295.35	1779.39	563.78	-1112.90	2182222.38	422820.39	36	59	48.585 N	108	5	51.439 W
3211.00	107.93	294.87	1770.21	575.90	-1138.76	2182234.57	422794.56	36	59	48.704 N	108	5	51.758 W
3240.00	107.94	294.97	1761.28	587.52	-1163.79	2182246.26	422769.57	36	59	48.819 N	108	5	52.067 W
3270.00	107.81	294.47	1752.07	599.46	-1189.72	2182258.27	422743.67	36	59	48.937 N	108	5	52.386 W
3302.00	108.44	293.97	1742.12	611.94	-1217.46	2182270.83	422715.97	36	59	49.061 N	108	5	52.728 W
3333.00	108.69	292.47	1732.25	623.53	-1244.46	2182282.48	422689.00	36	59	49.175 N	108	5	53.061 W
3367.00	108.94	291.97	1721.28	635.70	-1274.25	2182294.74	422659.24	36	59	49.296 N	108	5	53.428 W
3399.00	108.48	291.96	1711.02	647.03	-1302.36	2182306.15	422631.16	36	59	49.408 N	108	5	53.775 W
3430.00	108.19	292.47	1701.26	658.16	-1329.61	2182317.35	422603.95	36	59	49.518 N	108	5	54.111 W
3462.00	107.94	292.35	1691.34	669.76	-1357.73	2182329.03	422575.85	36	59	49.633 N	108	5	54.458 W
3493.00	108.31	292.72	1681.70	681.05	-1384.94	2182340.39	422548.67	36	59	49.744 N	108	5	54.793 W
3513.00	108.26	292.56	1675.42	688.36	-1402.47	2182347.75	422531.17	36	59	49.816 N	108	5	55.009 W
3556.00	108.26	292.56	1661.95	704.02	-1440.18	2182363.52	422493.50	36	59	49.971 N	108	5	55.474 W

Annotation

MD ft	TVD ft	
1750.00	1749.86	Tie On Gryo
1815.00	1814.84	First Wft Svy
3513.00	1675.42	Last Wft Svy
3556.00	1661.95	Proj. To Bit