

"Hs. Drilled"

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 30-045-34583	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 22634	⁵ Property Name SCHWERTFEGER A	⁶ Well Number 6G
⁷ OGRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6757

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
K	8	27-N	8-W		1410	SOUTH	2325	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
L	8	27-N	8-W		1967 1980	SOUTH	735 660	WEST	SAN JUAN
¹² Dedicated Acres			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No RCVD JUN 16 '09 OIL CONS. DIV.		

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**

AS-DRILLED B.H.L.

AS-DRILLED B.H.L. LAT & LONG.
ARE PROVIDED BY XTO ENERGY INC.
CLIENT

BOTTOM HOLE

LAT: 36.58739° N. (NAD 83)
LONG: 107.71111° W. (NAD 83)
LAT: 36°35'14.57" N. (NAD 27)
LONG: 107°42'37.79" W. (NAD 27)

FD 3 1/4" BC
1955 B.L.M.

8

SURFACE

LAT: 36.58576° N. (NAD 83)
LONG: 107.70547° W. (NAD 83)
LAT: 36°35'08.7" N. (NAD 27)
LONG: 107°42'17.5" W. (NAD 27)

N 00°38'29" E
2666.50' (M)

1980-
1967

1410'

FD 3 1/4" BC.
1955 B.L.M.

S 89°20'23" E
2578.90' (M)

FD 3 1/4" BC.
1955 B.L.M.

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

Dolera Johnson
Signature Date

Dolera Johnson
Printed Name 11-05-08

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 belief

OCTOBER 22, 2008

Date of Survey
Signature and Seal of Professional Surveyor:

ROY A. RUSH
NEW MEXICO
8894
REGISTERED PROFESSIONAL LAND SURVEYOR
Certificate Number

DISTRICT IV
1220 South St Francis Dr., Santa Fe, NM 87505

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 30-045-34583	² Pool Code 97232	³ Pool Name Basin Mancos
⁴ Property Code 22634	⁵ Property Name SCHWERTFEGER A	⁶ Well Number 6G
⁷ OGRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6757

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
K	8	27-N	8-W		1410	SOUTH	2325	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no L	Section 8	Township 27-N	Range 8-W	Lot Idn	Feet from the 1952 1980	North/South line SOUTH	Feet from the 805 1660	East/West line WEST	County SAN JUAN
12 Dedicated Acres			13 Joint or Infill		14 Consolidation Code		15 Order No. RCVD JUN 16 '09 OIL CONS. DIV.		

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

[illegible]

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 JUN 16 '09

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT OIL CONS. DIV.

¹ API Number 30-045-34583	² Pool Code 72319	³ Pool Name Blanco Mesaverde	DIST. 3
⁴ Property Code 22634	⁵ Property Name SCHWERTFEGER A		⁶ Well Number 6G
⁷ GRID No. 5380	⁸ Operator Name XTO ENERGY INC.		⁹ Elevation 6757

¹⁰ Surface Location

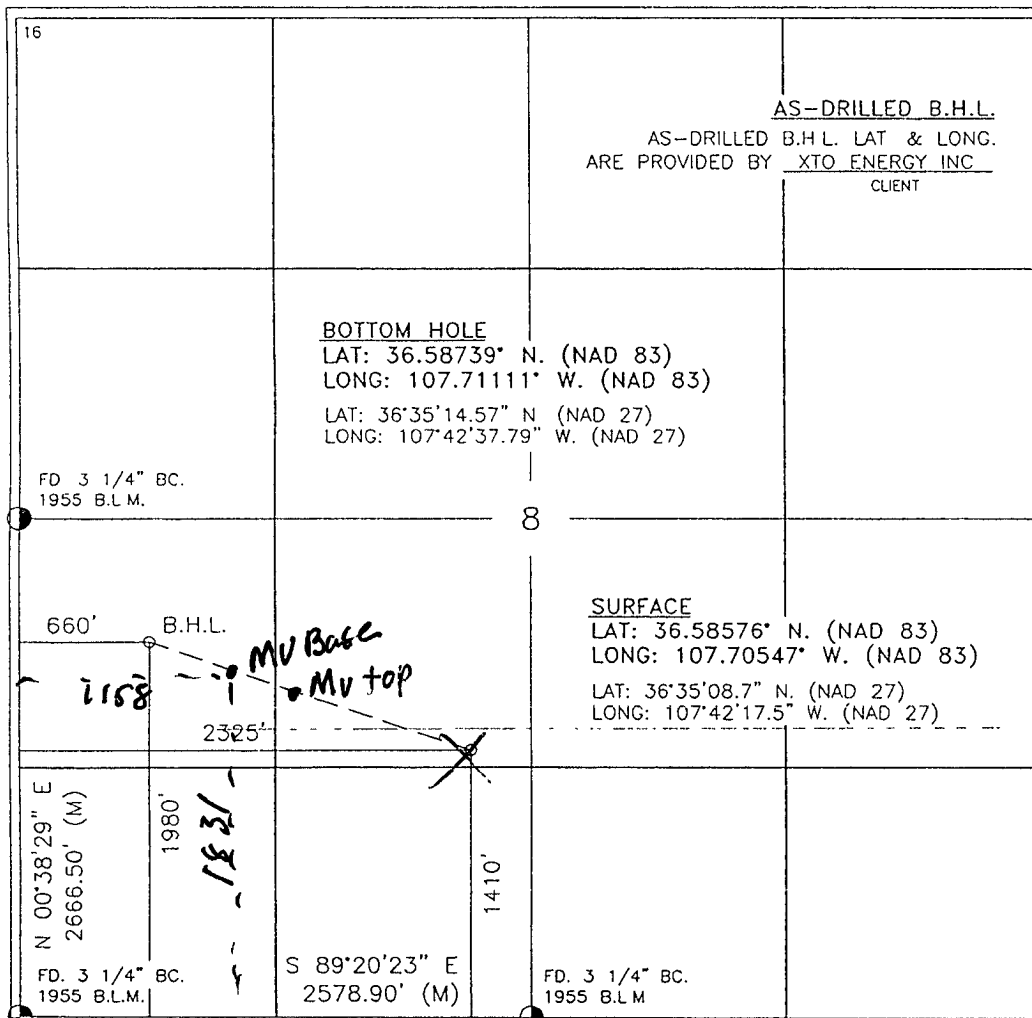
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	8	27-N	8-W		1410	SOUTH	2325	WEST	SAN JUAN

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
L	8	27-N	8-W		1836	SOUTH	1158	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



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 JUN 16 '09

☐ AMENDED REPORT

OIL CONS. DIV.

DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34583	² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 22634	⁵ Property Name SCHWERTFEGER A	⁶ Well Number 6G
⁷ OGRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6757

¹⁰ Surface Location

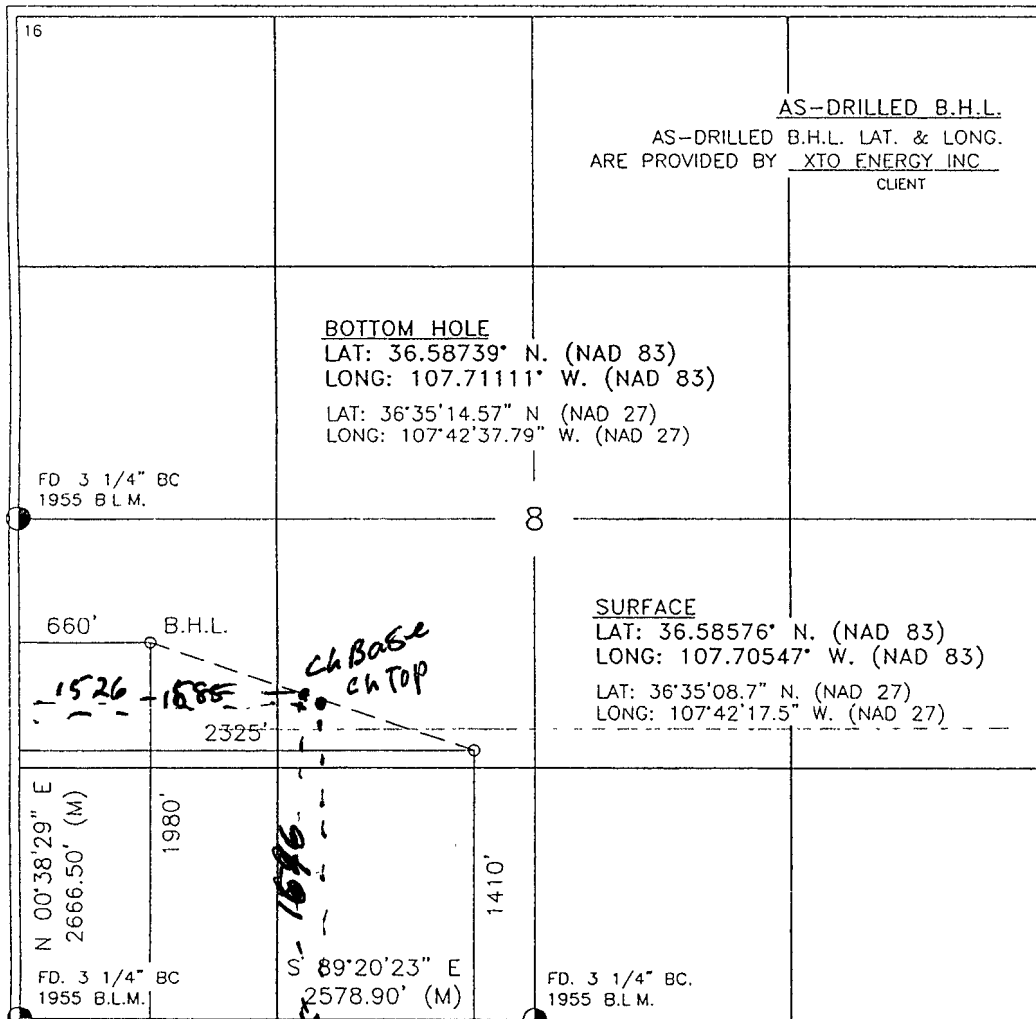
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	8	27-N	8-W		1410	SOUTH	2325	WEST	SAN JUAN

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
L	8	27-N	8-W		1686	SOUTH	1526	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



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

Dolera Johnson
Signature Date

Dolera Johnson
Printed Name 11-05-08

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 belief

OCTOBER 22, 2008

Date of Survey
Signature and Seal of Professional Surveyor

ROY A. RUSSELL
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
8894
10-28-08
Certificate Number



SCHWERTFEGER A #6G
SAN JUAN CO., NM



Weatherford

LEGEND

— #6G, 1, Plan #1
— WFT SVY

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	289.65	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	289.65	500.00	0.00	0.00	0.00	0.00	0.00	
3	979.74	14.39	289.65	974.71	20.16	-56.44	3.00	289.65	59.94	
4	7819.68	14.39	289.65	7600.00	591.90	-1657.53	0.00	0.00	1760.04	PBHL

WELL DETAILS

Name	+N-S	+E-W	Northing	Eastng	Latitude	Longitude	Slot
#6G	0.00	0.00	2032555.71	2760636.06	36°35'08.740N	107°42'19.690W	N/A

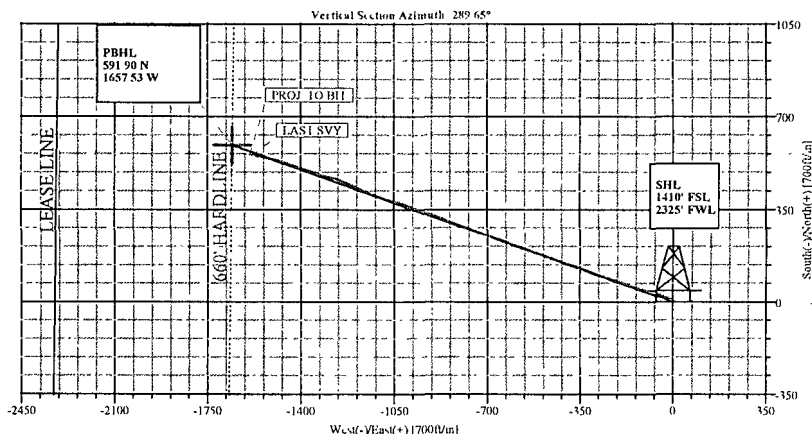
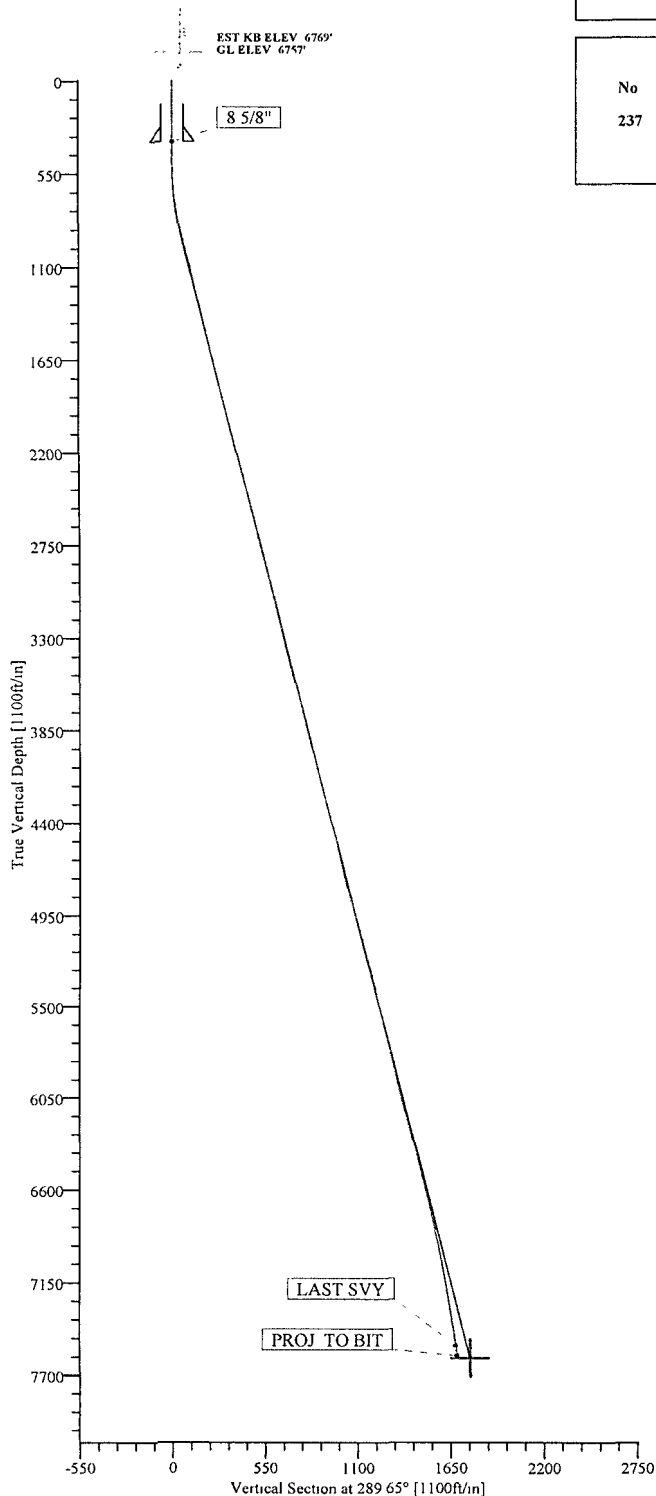
TARGET DETAILS

Name	TVD	+N-S	+E-W	Latitude	Longitude	Shape
PBHL	7600.00	591.90	-1657.53	36°35'14.593N	107°42'40.015W	Point

Proj. to Bit Survey: WFT SVY (#6G/1)

No	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec
237	7785.00	8.91	282.86	7580.72	556.75	-1590.12	0.00	0.00	1684.74

RCVD JUN 16 '09
OIL CONS. DIV.
DIST. 3



SITE DETAILS

Schwertfeger A #6G

Site Centre Latitude 36°35'08.740N
Longitude 107°42'19.690W

Ground Level 6757.00
Positional Uncertainty 0.00
Convergence 0.08

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



Azimuths to True North
Magnetic North: 10.25°

Magnetic Field
Strength 50973uT
Dip Angle 63.42°
Date: 9/5/2008
Model bggm2007

TOTAL CORRECTION TO TRUE NORTH 10.25°

Survey WFT SVY (#6G/1)

Created By Jayme Wilson

Date 9/24/2008



Weatherford International Ltd.

SURVEY REPORT

**Weatherford**

Company: XTO	Date: 9/24/2008	Time: 11:38:36	Page: 1
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference: Well: #6G, True North		
Site: Schwerdtfeger A #6G	Vertical (TVD) Reference: SITE 6769.0		
Well: #6G	Section (VS) Reference: Well (0.00N,0.00E,289.65Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: WFT SVY	Start Date: 9/10/2008
-----------------	-----------------------

Company: Weatherford International Ltd.	Engineer: Jayme Wilson
Tool: MWD;MWD - Standard	Tied-to: From Surface

Field: San Juan, NM (NAD 83)

Map System: US State Plane Coordinate System 1983	Map Zone: New Mexico, Western Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: bggm2007

Site: Schwerdtfeger A #6G

Site Position:	Northing: 2032555.71 ft	Latitude: 36 35 8.740 N
From: Geographic	Easting: 2760636.06 ft	Longitude: 107 42 19.690 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6757.00 ft		Grid Convergence: 0.08 deg

Well: #6G	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 2032555.71 ft	Latitude: 36 35 8.740 N
+E/-W 0.00 ft	Easting: 2760636.06 ft	Longitude: 107 42 19.690 W
Position Uncertainty: 0.00 ft		

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 9/5/2008	Above System Datum: Mean Sea Level		
Field Strength: 50973 nT	Declination: 10.25 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.42 deg		
ft	+N/-S	+E/-W	Direction
	ft	ft	deg
0.00	0.00	0.00	289.65

Survey

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	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
455.00	0.31	7.38	455.00	1.22	0.16	0.26	0.07	0.07	0.00	
486.00	0.53	340.29	486.00	1.44	0.12	0.37	0.94	0.71	-87.39	
517.00	1.71	312.17	516.99	1.88	-0.27	0.89	4.09	3.81	-90.71	
548.00	2.96	312.01	547.96	2.73	-1.21	2.06	4.03	4.03	-0.52	
579.00	4.00	303.63	578.91	3.87	-2.70	3.85	3.73	3.35	-27.03	
610.00	4.75	303.38	609.82	5.17	-4.68	6.14	2.42	2.42	-0.81	
641.00	5.44	304.63	640.69	6.71	-6.96	8.81	2.25	2.23	4.03	
672.00	6.38	303.25	671.53	8.49	-9.61	11.90	3.07	3.03	-4.45	
703.00	7.05	299.26	702.32	10.37	-12.71	15.45	2.63	2.16	-12.87	
734.00	8.06	296.38	733.05	12.26	-16.31	19.49	3.48	3.26	-9.29	
765.00	9.25	292.88	763.69	14.20	-20.56	24.13	4.20	3.84	-11.29	
796.00	10.06	292.00	794.25	16.18	-25.36	29.32	2.66	2.61	-2.84	
828.00	10.81	292.88	825.72	18.39	-30.72	35.11	2.40	2.34	2.75	
858.00	11.50	292.00	855.16	20.61	-36.08	40.91	2.37	2.30	-2.93	
889.00	11.89	289.83	885.51	22.85	-41.95	47.19	1.90	1.26	-7.00	
920.00	13.06	288.63	915.78	25.05	-48.28	53.89	3.87	3.77	-3.87	
951.00	14.06	290.63	945.92	27.49	-55.12	61.15	3.56	3.23	6.45	
982.00	14.88	289.38	975.93	30.14	-62.40	68.90	2.83	2.65	-4.03	
1013.00	15.25	289.00	1005.87	32.79	-70.01	76.96	1.24	1.19	-1.23	
1044.00	15.13	286.38	1035.79	35.26	-77.74	85.07	2.25	-0.39	-8.45	
1075.00	15.13	285.75	1065.71	37.50	-85.52	93.15	0.53	0.00	-2.03	
1106.00	13.81	285.63	1095.73	39.59	-92.98	100.88	4.26	-4.26	-0.39	
1137.00	13.13	286.75	1125.87	41.60	-99.91	108.08	2.35	-2.19	3.61	



Weatherford International Ltd.

SURVEY REPORT

**Weatherford**

Company: XTO	Date: 9/24/2008	Time: 11:38:36	Page: 2
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #6G, True North	
Site: Schwerdtfeger A #6G	Vertical (TVD) Reference:	SITE 6769.0	
Well: #6G	Section (VS) Reference:	Well (0.00N,0.00E,289.65Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

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	Comment
1168.00	13.25	285.88	1156.06	43.59	-106.70	115.14	0.75	0.39	-2.81	
1200.00	13.22	285.62	1187.21	45.58	-113.75	122.45	0.21	-0.09	-0.81	
1231.00	13.88	285.13	1217.34	47.51	-120.75	129.70	2.16	2.13	-1.58	
1262.00	13.94	284.63	1247.43	49.42	-127.96	137.12	0.43	0.19	-1.61	
1293.00	14.31	284.88	1277.50	51.35	-135.27	144.66	1.21	1.19	0.81	
1325.00	14.00	283.88	1308.53	53.29	-142.85	152.45	1.23	-0.97	-3.12	
1356.00	14.44	287.63	1338.58	55.36	-150.18	160.05	3.29	1.42	12.10	
1387.00	13.83	293.21	1368.64	57.99	-157.26	167.61	4.81	-1.97	18.00	
1418.00	13.31	293.63	1398.77	60.88	-163.94	174.87	1.71	-1.68	1.35	
1450.00	13.38	293.50	1429.91	63.83	-170.71	182.23	0.24	0.22	-0.41	
1481.00	13.19	294.00	1460.08	66.70	-177.23	189.34	0.72	-0.61	1.61	
1512.00	13.56	291.25	1490.24	69.46	-183.85	196.50	2.37	1.19	-8.87	
1543.00	14.13	290.38	1520.34	72.09	-190.78	203.92	1.96	1.84	-2.81	
1575.00	14.56	287.75	1551.34	74.68	-198.27	211.84	2.44	1.34	-8.22	
1606.00	14.38	286.25	1581.36	76.95	-205.68	219.58	1.34	-0.58	-4.84	
1637.00	14.38	286.25	1611.39	79.10	-213.07	227.26	0.00	0.00	0.00	
1668.00	13.53	286.37	1641.47	81.20	-220.25	234.73	2.74	-2.74	0.39	
1699.00	13.44	286.75	1671.62	83.26	-227.18	241.95	0.41	-0.29	1.23	
1730.00	13.56	286.75	1701.76	85.35	-234.11	249.17	0.39	0.39	0.00	
1761.00	13.50	286.88	1731.90	87.44	-241.05	256.42	0.22	-0.19	0.42	
1790.00	13.38	285.13	1760.11	89.30	-247.53	263.14	1.46	-0.41	-6.03	
1822.00	13.31	285.00	1791.24	91.22	-254.66	270.50	0.24	-0.22	-0.41	
1852.00	13.38	285.25	1820.43	93.03	-261.34	277.41	0.30	0.23	0.83	
1882.00	14.13	286.38	1849.57	94.97	-268.21	284.52	2.66	2.50	3.77	
1913.00	14.44	286.50	1879.61	97.14	-275.54	292.16	1.00	1.00	0.39	
1945.00	15.00	287.38	1910.56	99.51	-283.32	300.28	1.88	1.75	2.75	
1976.00	15.68	287.41	1940.46	101.96	-291.15	308.48	2.19	2.19	0.10	
2007.00	15.81	287.63	1970.29	104.49	-299.17	316.88	0.46	0.42	0.71	
2039.00	15.25	288.63	2001.13	107.16	-307.31	325.45	1.94	-1.75	3.12	
2070.00	14.31	290.00	2031.10	109.77	-314.77	333.36	3.23	-3.03	4.42	
2101.00	13.31	291.63	2061.20	112.40	-321.69	340.75	3.46	-3.23	5.26	
2132.00	12.81	292.00	2091.40	115.00	-328.20	347.75	1.64	-1.61	1.19	
2163.00	12.77	292.52	2121.63	117.60	-334.55	354.61	0.39	-0.13	1.68	
2194.00	12.96	292.24	2151.85	120.23	-340.93	361.50	0.65	0.61	-0.90	
2225.00	14.00	289.88	2182.00	122.82	-347.67	368.73	3.79	3.35	-7.61	
2256.00	14.75	289.13	2212.03	125.39	-354.93	376.42	2.49	2.42	-2.42	
2288.00	14.63	287.63	2242.98	127.95	-362.63	384.53	1.25	-0.37	-4.69	
2319.00	14.69	287.13	2272.97	130.29	-370.12	392.37	0.45	0.19	-1.61	
2350.00	14.56	289.00	2302.97	132.71	-377.56	400.20	1.58	-0.42	6.03	
2382.00	15.13	291.75	2333.90	135.57	-385.24	408.39	2.83	1.78	8.59	
2413.00	15.13	291.82	2363.83	138.57	-392.75	416.48	0.06	0.00	0.23	
2444.00	15.25	291.63	2393.74	141.58	-400.30	424.60	0.42	0.39	-0.61	
2475.00	15.38	291.50	2423.64	144.59	-407.91	432.78	0.43	0.42	-0.42	
2506.00	15.19	290.63	2453.55	147.53	-415.54	440.95	0.96	-0.61	-2.81	
2537.00	14.63	292.63	2483.50	150.47	-422.95	448.92	2.45	-1.81	6.45	
2568.00	13.63	292.75	2513.57	153.38	-429.93	456.48	3.23	-3.23	0.39	
2600.00	13.44	292.13	2544.68	156.24	-436.86	463.96	0.75	-0.59	-1.94	
2632.00	13.64	291.85	2575.79	159.05	-443.80	471.44	0.66	0.62	-0.87	
2663.00	13.56	291.50	2605.92	161.74	-450.58	478.73	0.37	-0.26	-1.13	
2694.00	13.25	290.63	2636.07	164.32	-457.28	485.91	1.19	-1.00	-2.81	
2725.00	13.00	290.75	2666.26	166.81	-463.87	492.95	0.81	-0.81	0.39	
2757.00	13.00	290.38	2697.44	169.34	-470.61	500.15	0.26	0.00	-1.16	



Weatherford International Ltd.

SURVEY REPORT

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Schwerdtfeger A #6G
Well: #6G
Wellpath: 1

Date: 9/24/2008 Time: 11:38:36 Page: 3
Co-ordinate(NE) Reference: Well: #6G, True North
Vertical (TVD) Reference: SITE 6769.0
Section (VS) Reference: Well (0.00N,0.00E,289.65Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

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	Comment
2788.00	13.81	289.63	2727.60	171.80	-477.36	507.33	2.67	2.61	-2.42	
2819.00	14.81	289.25	2757.64	174.35	-484.59	515.00	3.24	3.23	-1.23	
2850.00	14.81	288.38	2787.61	176.90	-492.09	522.92	0.72	0.00	-2.81	
2880.00	14.38	286.00	2816.64	179.14	-499.31	530.47	2.46	-1.43	-7.93	
2912.00	14.38	284.25	2847.64	181.21	-506.98	538.39	1.36	0.00	-5.47	
2943.00	15.00	287.38	2877.62	183.36	-514.54	546.23	3.25	2.00	10.10	
2975.00	14.69	286.88	2908.55	185.77	-522.37	554.42	1.05	-0.97	-1.56	
3006.00	15.19	292.13	2938.51	188.44	-529.90	562.41	4.65	1.61	16.94	
3037.00	14.69	288.38	2968.46	191.21	-537.39	570.39	3.51	-1.61	-12.10	
3068.00	14.50	286.00	2998.46	193.52	-544.85	578.20	2.03	-0.61	-7.68	
3100.00	14.25	285.50	3029.46	195.68	-552.50	586.12	0.87	-0.78	-1.56	
3131.00	13.94	284.88	3059.53	197.66	-559.78	593.65	1.11	-1.00	-2.00	
3162.00	13.56	283.50	3089.64	199.47	-566.92	600.98	1.62	-1.23	-4.45	
3193.00	13.27	285.70	3119.79	201.28	-573.88	608.15	1.89	-0.94	7.10	
3225.00	13.81	292.88	3150.90	203.76	-580.94	615.62	5.51	1.69	22.44	
3256.00	13.81	292.75	3181.01	206.62	-587.76	623.01	0.10	0.00	-0.42	
3287.00	13.69	293.50	3211.12	209.52	-594.54	630.37	0.69	-0.39	2.42	
3318.00	13.56	293.63	3241.25	212.44	-601.23	637.65	0.43	-0.42	0.42	
3349.00	13.25	294.50	3271.40	215.37	-607.79	644.82	1.19	-1.00	2.81	
3380.00	13.50	294.63	3301.56	218.35	-614.31	651.96	0.81	0.81	0.42	
3411.00	13.81	294.25	3331.69	221.38	-620.98	659.26	1.04	1.00	-1.23	
3442.00	14.25	293.13	3361.76	224.39	-627.86	666.75	1.67	1.42	-3.61	
3473.00	14.18	293.16	3391.81	227.39	-634.86	674.35	0.23	-0.23	0.10	
3504.00	14.50	292.13	3421.85	230.34	-641.94	682.02	1.32	1.03	-3.32	
3535.00	14.69	290.88	3451.85	233.21	-649.21	689.82	1.19	0.61	-4.03	
3567.00	15.06	290.25	3482.77	236.09	-656.90	698.04	1.26	1.16	-1.97	
3597.00	15.50	289.00	3511.71	238.74	-664.35	705.94	1.83	1.47	-4.17	
3629.00	15.69	288.38	3542.53	241.50	-672.50	714.55	0.79	0.59	-1.94	
3660.00	15.69	287.38	3572.38	244.07	-680.48	722.92	0.87	0.00	-3.23	
3691.00	15.56	286.63	3602.23	246.52	-688.46	731.26	0.77	-0.42	-2.42	
3722.00	15.38	285.75	3632.11	248.82	-696.40	739.52	0.95	-0.58	-2.84	
3753.00	14.75	287.38	3662.05	251.12	-704.12	747.56	2.45	-2.03	5.26	
3785.00	14.31	287.75	3693.02	253.54	-711.78	755.59	1.41	-1.37	1.16	
3817.00	14.13	287.00	3724.04	255.89	-719.28	763.44	0.80	-0.56	-2.34	
3847.00	13.88	286.00	3753.15	257.95	-726.24	770.69	1.16	-0.83	-3.33	
3877.00	13.38	284.38	3782.31	259.80	-733.06	777.74	2.10	-1.67	-5.40	
3908.00	13.50	285.63	3812.46	261.67	-740.02	784.92	1.01	0.39	4.03	1672/5 1585/w
3939.00	14.14	289.08	3842.56	263.88	-747.08	792.31	3.37	2.06	11.13	
3970.00	14.44	292.50	3872.60	266.60	-754.23	799.96	2.89	0.97	11.03	
4002.00	15.13	295.00	3903.54	269.89	-761.71	808.10	2.94	2.16	7.81	
4033.00	15.25	295.00	3933.46	273.32	-769.07	816.19	0.39	0.39	0.00	
4064.00	15.31	294.75	3963.36	276.76	-776.48	824.33	0.29	0.19	-0.81	
4095.00	15.31	293.75	3993.26	280.12	-783.94	832.49	0.85	0.00	-3.23	
4126.00	15.19	293.13	4023.17	283.37	-791.42	840.62	0.65	-0.39	-2.00	
4157.00	14.88	291.63	4053.11	286.43	-798.86	848.65	1.60	-1.00	-4.84	15816/6 1526/w
4188.00	14.50	290.88	4083.10	289.28	-806.18	856.51	1.37	-1.23	-2.42	
4220.00	14.44	289.88	4114.08	292.06	-813.68	864.51	0.80	-0.19	-3.12	
4252.00	14.56	292.00	4145.06	294.93	-821.16	872.52	1.70	0.37	6.62	
4283.00	14.81	293.75	4175.05	297.98	-828.40	880.36	1.64	0.81	5.65	
4314.00	14.92	293.82	4205.01	301.19	-835.68	888.29	0.36	0.35	0.23	
4346.00	15.13	292.75	4235.92	304.47	-843.30	896.57	1.09	0.66	-3.34	
4377.00	15.19	292.88	4265.84	307.61	-850.77	904.67	0.22	0.19	0.42	
4408.00	14.94	291.75	4295.77	310.67	-858.22	912.71	1.24	-0.81	-3.65	



Weatherford International Ltd.

SURVEY REPORT



Weatherford

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Schwerdtfeger A #6G
Well: #6G
Wellpath: 1

Date: 9/24/2008 Time: 11:38:36 Page: 4
Co-ordinate(NE) Reference: Well: #6G, True North
Vertical (TVD) Reference: SITE 6769.0
Section (VS) Reference: Well (0.00N,0.00E,289.65Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

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	Comment
4439.00	15.00	291.13	4325.72	313.60	-865.68	920.72	0.55	0.19	-2.00	
4471.00	14.56	290.25	4356.66	316.48	-873.31	928.88	1.54	-1.37	-2.75	
4501.00	14.31	290.00	4385.72	319.06	-880.33	936.36	0.86	-0.83	-0.83	
4532.00	14.00	289.38	4415.77	321.61	-887.47	943.94	1.11	-1.00	-2.00	
4563.00	13.88	288.63	4445.86	324.04	-894.53	951.41	0.70	-0.39	-2.42	
4594.00	13.45	288.45	4475.98	326.37	-901.48	958.73	1.39	-1.39	-0.58	
4625.00	13.13	287.50	4506.15	328.57	-908.25	965.85	1.25	-1.03	-3.06	
4656.00	12.69	288.13	4536.37	330.69	-914.85	972.77	1.49	-1.42	2.03	1741/5 1410W
4688.00	12.19	287.50	4567.62	332.80	-921.41	979.66	1.62	-1.56	-1.97	
4719.00	12.13	287.25	4597.92	334.75	-927.64	986.19	0.26	-0.19	-0.81	
4750.00	12.25	289.50	4628.22	336.81	-933.85	992.73	1.58	0.39	7.26	
4781.00	12.63	291.75	4658.50	339.17	-940.10	999.41	1.99	1.23	7.26	
4812.00	12.94	292.13	4688.73	341.73	-946.46	1006.26	1.04	1.00	1.23	
4843.00	13.63	293.13	4718.90	344.47	-953.04	1013.37	2.35	2.23	3.23	
4874.00	14.38	292.63	4748.98	347.39	-959.95	1020.87	2.45	2.42	-1.61	
4905.00	15.44	292.38	4778.93	350.44	-967.32	1028.83	3.43	3.42	-0.81	
4937.00	17.00	291.88	4809.66	353.81	-975.60	1037.76	4.89	4.87	-1.56	
4968.00	17.50	291.38	4839.26	357.20	-984.15	1046.95	1.68	1.61	-1.61	
5000.00	17.81	290.75	4869.76	360.68	-993.20	1056.65	1.14	0.97	-1.97	
5031.00	17.75	290.50	4899.28	364.02	-1002.06	1066.12	0.31	-0.19	-0.81	
5062.00	18.06	289.88	4928.77	367.31	-1011.01	1075.65	1.17	1.00	-2.00	
5094.00	17.16	289.30	4959.27	370.55	-1020.13	1085.33	2.87	-2.81	-1.81	
5125.00	16.06	286.50	4988.98	373.28	-1028.55	1094.18	4.39	-3.55	-9.03	
5156.00	14.69	284.38	5018.87	375.48	-1036.47	1102.38	4.78	-4.42	-6.84	
5187.00	13.94	283.75	5048.91	377.34	-1043.91	1110.01	2.47	-2.42	-2.03	
5218.00	13.75	283.00	5079.01	379.06	-1051.13	1117.38	0.84	-0.61	-2.42	
5249.00	14.13	283.00	5109.09	380.74	-1058.40	1124.80	1.23	1.23	0.00	
5281.00	14.44	284.38	5140.10	382.61	-1066.07	1132.65	1.44	0.97	4.31	
5313.00	15.06	286.00	5171.05	384.74	-1073.93	1140.77	2.33	1.94	5.06	
5344.00	15.44	287.13	5200.96	387.07	-1081.75	1148.91	1.56	1.23	3.65	
5376.00	15.75	289.50	5231.78	389.77	-1089.91	1157.51	2.21	0.97	7.41	
5407.00	16.00	290.50	5261.60	392.67	-1097.88	1165.99	1.20	0.81	3.23	
5438.00	14.88	291.75	5291.48	395.65	-1105.58	1174.24	3.77	-3.61	4.03	
5468.00	13.50	292.63	5320.56	398.42	-1112.39	1181.59	4.66	-4.60	2.93	
5493.00	12.81	291.88	5344.91	400.58	-1117.66	1187.27	2.84	-2.76	-3.00	
5524.00	12.54	290.52	5375.15	403.04	-1124.00	1194.07	1.30	-0.87	-4.39	
5555.00	12.44	291.50	5405.42	405.44	-1130.26	1200.77	0.76	-0.32	3.16	
5578.00	12.44	291.75	5427.88	407.27	-1134.86	1205.72	0.23	0.00	1.09	
5609.00	12.56	291.25	5458.14	409.72	-1141.10	1212.43	0.52	0.39	-1.61	
5640.00	12.63	291.25	5488.40	412.17	-1147.40	1219.19	0.23	0.23	0.00	
5671.00	12.95	293.39	5518.63	414.78	-1153.75	1226.04	1.84	1.03	6.90	
5702.00	13.38	294.38	5548.81	417.64	-1160.21	1233.08	1.57	1.39	3.19	
5734.00	13.63	294.13	5579.93	420.71	-1167.02	1240.53	0.80	0.78	-0.78	1831/5 166/W
5765.00	13.75	295.25	5610.05	423.78	-1173.69	1247.84	0.94	0.39	3.61	
5796.00	13.69	296.25	5640.16	426.97	-1180.31	1255.15	0.79	-0.19	3.23	
5826.00	13.25	295.63	5669.34	430.03	-1186.59	1262.10	1.54	-1.47	-2.07	
5858.00	13.19	296.63	5700.49	433.25	-1193.16	1269.37	0.74	-0.19	3.12	
5888.00	13.88	295.75	5729.66	436.35	-1199.46	1276.34	2.40	2.30	-2.93	
5919.00	14.06	292.63	5759.74	439.41	-1206.29	1283.80	2.50	0.58	-10.06	
5950.00	13.50	293.00	5789.85	442.27	-1213.09	1291.17	1.83	-1.81	1.19	
5982.00	13.50	292.75	5820.96	445.18	-1219.98	1298.63	0.18	0.00	-0.78	
6013.00	12.31	293.13	5851.18	447.88	-1226.35	1305.54	3.85	-3.84	1.23	



Weatherford International Ltd.

SURVEY REPORT

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: Schwerdtfeger A #6G
Well: #6G
Wellpath: 1

Date: 9/24/2008 Time: 11:38:36 Page: 5
Co-ordinate(NE) Reference: Well: #6G, True North
Vertical (TVD) Reference: SITE 6769.0
Section (VS) Reference: Well (0.00N,0.00E,289.65Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

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	Comment
6044.00	12.88	292.63	5881.43	450.50	-1232.58	1312.29	1.87	1.84	-1.61	
6076.00	12.88	293.50	5912.63	453.30	-1239.14	1319.41	0.61	0.00	2.72	
6107.00	12.69	291.38	5942.86	455.92	-1245.48	1326.26	1.63	-0.61	-6.84	
6138.00	12.94	290.25	5973.09	458.36	-1251.91	1333.14	1.14	0.81	-3.65	
6169.00	13.06	291.38	6003.29	460.84	-1258.43	1340.11	0.91	0.39	3.65	
6200.00	14.44	287.63	6033.41	463.29	-1265.37	1347.47	5.30	4.45	-12.10	
6232.00	14.88	286.38	6064.36	465.65	-1273.12	1355.56	1.69	1.37	-3.91	
6262.00	15.44	284.88	6093.32	467.76	-1280.67	1363.39	2.28	1.87	-5.00	
6293.00	15.56	283.63	6123.19	469.80	-1288.70	1371.64	1.14	0.39	-4.03	
6324.00	15.50	283.13	6153.06	471.72	-1296.78	1379.89	0.47	-0.19	-1.61	
6356.00	15.38	282.88	6183.91	473.64	-1305.08	1388.35	0.43	-0.37	-0.78	
6387.00	14.75	282.20	6213.84	475.39	-1312.94	1396.34	2.11	-2.03	-2.19	
6418.00	14.13	285.50	6243.86	477.24	-1320.45	1404.03	3.32	-2.00	10.65	
6448.00	13.94	288.63	6272.97	479.37	-1327.40	1411.30	2.61	-0.63	10.43	
6480.00	14.38	290.25	6303.99	481.98	-1334.78	1419.12	1.85	1.37	5.06	
6511.00	14.94	290.50	6333.98	484.71	-1342.13	1426.97	1.82	1.81	0.81	
6542.00	14.44	291.38	6363.97	487.52	-1349.48	1434.83	1.77	-1.61	2.84	
6574.00	13.68	292.80	6395.01	490.44	-1356.68	1442.59	2.61	-2.37	4.44	
6605.00	13.13	292.50	6425.17	493.21	-1363.31	1449.77	1.79	-1.77	-0.97	
6636.00	13.06	291.38	6455.36	495.83	-1369.83	1456.79	0.85	-0.23	-3.61	
6667.00	13.69	290.50	6485.52	498.39	-1376.52	1463.96	2.14	2.03	-2.84	
6698.00	14.06	287.38	6515.62	500.80	-1383.55	1471.39	2.69	1.19	-10.06	
6729.00	14.38	286.38	6545.67	503.01	-1390.84	1478.99	1.30	1.03	-3.23	
6761.00	14.31	286.63	6576.67	505.26	-1398.44	1486.91	0.29	-0.22	0.78	
6792.00	13.66	289.80	6606.75	507.60	-1405.56	1494.40	3.24	-2.10	10.23	
6823.00	13.25	289.88	6636.90	510.05	-1412.34	1501.61	1.32	-1.32	0.26	
6851.00	13.50	290.88	6664.14	512.30	-1418.41	1508.09	1.22	0.89	3.57	
6882.00	13.44	290.88	6694.29	514.88	-1425.16	1515.30	0.19	-0.19	0.00	
6913.00	13.88	290.75	6724.41	517.48	-1432.00	1522.62	1.42	1.42	-0.42	
6944.00	13.81	289.13	6754.51	520.01	-1438.98	1530.04	1.27	-0.23	-5.23	
6975.00	13.38	288.00	6784.64	522.33	-1445.88	1537.33	1.63	-1.39	-3.65	
7006.00	13.33	286.97	6814.80	524.48	-1452.71	1544.48	0.78	-0.16	-3.32	
7038.00	12.63	286.25	6845.99	526.54	-1459.60	1551.66	2.25	-2.19	-2.25	
7069.00	12.25	286.13	6876.26	528.40	-1466.01	1558.32	1.23	-1.23	-0.39	
7100.00	12.06	285.63	6906.56	530.19	-1472.29	1564.84	0.70	-0.61	-1.61	
7131.00	12.06	285.50	6936.88	531.92	-1478.53	1571.30	0.09	0.00	-0.42	
7162.00	12.01	284.78	6967.20	533.61	-1484.77	1577.74	0.51	-0.16	-2.32	
7193.00	11.69	284.25	6997.54	535.21	-1490.93	1584.08	1.09	-1.03	-1.71	
7224.00	11.38	283.25	7027.91	536.68	-1496.95	1590.25	1.19	-1.00	-3.23	
7256.00	11.06	282.75	7059.30	538.08	-1503.02	1596.43	1.05	-1.00	-1.56	
7287.00	10.63	282.00	7089.74	539.33	-1508.72	1602.22	1.46	-1.39	-2.42	
7318.00	10.44	282.13	7120.22	540.52	-1514.26	1607.84	0.62	-0.61	0.42	
7349.00	10.25	281.50	7150.72	541.66	-1519.71	1613.35	0.71	-0.61	-2.03	
7381.00	10.13	282.50	7182.21	542.84	-1525.25	1618.96	0.67	-0.37	3.12	
7411.00	9.88	282.13	7211.76	543.95	-1530.34	1624.13	0.86	-0.83	-1.23	
7443.00	9.88	280.88	7243.28	545.04	-1535.72	1629.57	0.67	0.00	-3.91	
7474.00	9.81	281.38	7273.83	546.07	-1540.92	1634.81	0.36	-0.23	1.61	
7506.00	9.91	280.91	7305.35	547.12	-1546.29	1640.23	0.40	0.31	-1.47	
7538.00	9.69	281.38	7336.89	548.18	-1551.64	1645.61	0.73	-0.69	1.47	
7570.00	9.39	281.39	7368.44	549.22	-1556.84	1650.86	0.94	-0.94	0.03	
7601.00	9.44	282.00	7399.03	550.25	-1561.80	1655.89	0.36	0.16	1.97	
7632.00	9.25	282.38	7429.61	551.31	-1566.72	1660.88	0.64	-0.61	1.23	
7664.00	9.20	283.87	7461.20	552.48	-1571.72	1665.97	0.76	-0.16	4.66	

MN Base
OK for

1952/5 805/w



Weatherford International Ltd.

SURVEY REPORT

**Weatherford**

Company:	XTO	Date:	9/24/2008	Time:	11:38:36	Page:	6
Field:	San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #6G, True North				
Site:	Schwerdtfeger A #6G	Vertical (TVD) Reference:	SITE 6769.0				
Well:	#6G	Section (VS) Reference:	Well (0.00N,0.00E,289.65Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

Survey

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	Comment
7696.00	9.04	283.13	7492.80	553.66	-1576.65	1671.02	0.62	-0.50	-2.31	
7728.00	8.91	282.86	7524.40	554.79	-1581.52	1675.97	0.43	-0.41	-0.84	LAST SVY
7785.00	8.91	282.86	7580.72	556.75	-1590.12	1684.74	0.00	0.00	0.00	PROJ. TO BIT

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
360.00	360.00	8.625	12.250	8 5/8"
7815.00	0.00	5.500	6.000	5 1/2"

Annotation

MD ft	TVD ft	
7728.00	7524.40	LAST SVY
7785.00	7580.72	PROJ. TO BIT