

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 28 2009

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use APPLICATION TO DRILL for permit for such proposals

5. Lease Designation and Serial No
NMSF-078765

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No
Rosa Unit 156D

9. API Well No.
30-045-34981

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK/BASIN MC

11. County or Parish, State
San Juan, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well X Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO Box 640 Aztec, NM 87410-0640

4. Location of Well (Footage, Sec , T., R., M , or Survey Description)
1075' FNL & 995' FEL
1809' FNL & 1859' FEL SEC 9 31N 6W

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

X Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

X Other Completion

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

7-24-09 - RU BWWC and run CBL. TC @ 3685' ✓

8-14-09 - MIRU AWS #753

8-17-09 - Test 5-1/2" csg to 1500 psi for 30 min, no leak off. ✓ DO cement to PBTD @ 8322'

8-19-09 - Perf Dakota, 8172'-8300', with 93, 0.34" hole

8-21-09 - Frac Dakota with 5007# 100 mesh BASF followed with 81,618# 40/70 BASF. Set 5-1/2" frac plug @ 7764'. Perf lower Mancos, 7413'-7610', with 72, 0.34" holes. Frac lower Mancos with 5011# 100 mesh BASF followed with 102,985# 40/70 BASF. Set 5-1/2" frac plug @ 7372'. Perf upper Mancos, 7108'-7338', with 72, 0.34" holes. Frac upper Mancos with 5037# 100 mesh BASF followed with 106,179# 40/70 BASF ✓

8-22 thru 9-1-09 - Flow test well

9-2-09 thru 9-9-09 - Set 5-1/2" CBP @ 6296'. Perf Mesaverde formation 6166'-6194', 5960'-5990', 5720'-5724' & 5674'-5678' and do DFIT tests

RCVD OCT 7 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling COM Date 9/28/09

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

Date SEP 29 2009

FARMINGTON FIELD OFFICE

BY T. Sayers

NMCCD

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Rosa Unit #156D – Page 2

9-10-09 – Perf lower Mesaverde, 5918'-6194' with 64, 0.34" hole

9-13-09 – Frac lower Mesaverde with 78,472# 20/40 BASF. Set frac plug @ 5908'. Perf upper Mesaverde, 5670'-5898', with 54, 0.34" holes. Frac upper Mesaverde with 78,706# 20/40 BASF ✓

9-16-09 – DQ frac plug @ 5908'

9-23-09 – DO CBP @ 6296', DO frac plug @ 7372', DO frac plug @ 7764'

9-25-09 – FLOW TEST: Duration = 3 hr, Test Method, choke = 1/2", MCF/D = 3293, Csg Psi = 550 lbs, Tbg Psi = 0 psi, Gas Type = wet, Gas Disposition = non flaring

9-26-09 – Land well as follows, 2-3/8" half muleshoe, 1 jt 2-3/8" J-55 tbg, 1.780 I.D. F-nipple, 132 jts 2-3/8" 4.70# J-55 EUE tbg, & 126 jts 2-3/8" 4.70# N-80 EUE tbg, EQT @ 8266' F-nipple @ 8232' ✓

ROSA UNIT #156D

BLANCO MV / BASIN MC / BASIN DK

Spud: 07/04/09

Completed: 09/26/09

1st Delivery: 0/0/00

Surface Location:

1075' FNL and 995' FEL
NE/4 NE/4 Sec 9 (A), T31N, R06W
San Juan, NM

Bottom Hole Location:

1809' FNL and 1859' FEL
SW/4 NE/4 Sec 9 (G), T31N, R06W
San Juan, NM

Elevation: 6447' GR

API # 30-045-34981

Top	MD Depth	TVD Depth
Pictured Cliffs	3455'	3250'
Lewis	3739'	3532'
Cliffhouse Ss.	5657'	5449'
Menefee	5707'	5499'
Point Lookout	5940'	5732'
Mancos	6469'	6261'
Dakota	8171'	7963'

Upper MV: 5670'-5898' (54, 0.34" holes) Frac with
78,706# 20/40 mesh BASF

Lower MV: 5918'-6194" (64, 0.34" holes) Frac with
78,472# 20/40 mesh BASF

Upper Mancos: 7108'-7338' (72, 0.34" holes) Frac with
5037# 100 mesh followed w/106,179# 40/70 BASF

Lower Mancos: 7413'-7610" (72, 0.34" holes) Frac with
5011# 100 mesh BASF followed with 102,985# 40/70
BASF

Dakota: 8172'-8300' (93, 0.34" holes) Frac with 5007#
100 mesh BASF followed w/81,618# 40/70 BASF

7 jts 10-3/4", 40.5#, J-55, ST&C @ 312'.

100 jts 7-5/8", 26 4#, K-55, LT&C @ 3953'.

RCVD OCT 7 '09

OIL CONS. DIV.

DIST. 3

Land well as follows- 2-3/8" EUE half
muleshoe, 1 jt 2 3/8" 4 7# J-55 EUE 8rd
tbg, 1.78" I D F nipple, 132 jts 2-3/8" 4.7#
J-55 EUE 8rd tbg, 126 jts 2-3/8" 4.7#, N-
80 EUE 8rd tbg EOT @ 8266' - 1.78"
I.D. F nipple @ 8232'

221 jts 5-1/2",
17#, N-80
LT&C csg. set
@ 8329'.

TD @ 8330' MD
TD @ 8122' TVD
PBTD @ 8322' MD
PBTD @ 8114' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	290 sxs	521 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	665 sxs	1650 cu.ft.	Surface
6-3/4"	5-1/2", 17#	360 sxs	504 cu.ft.	3685' CBL



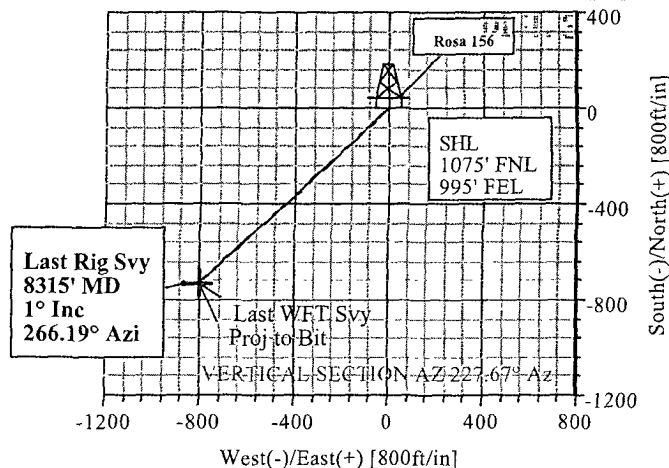
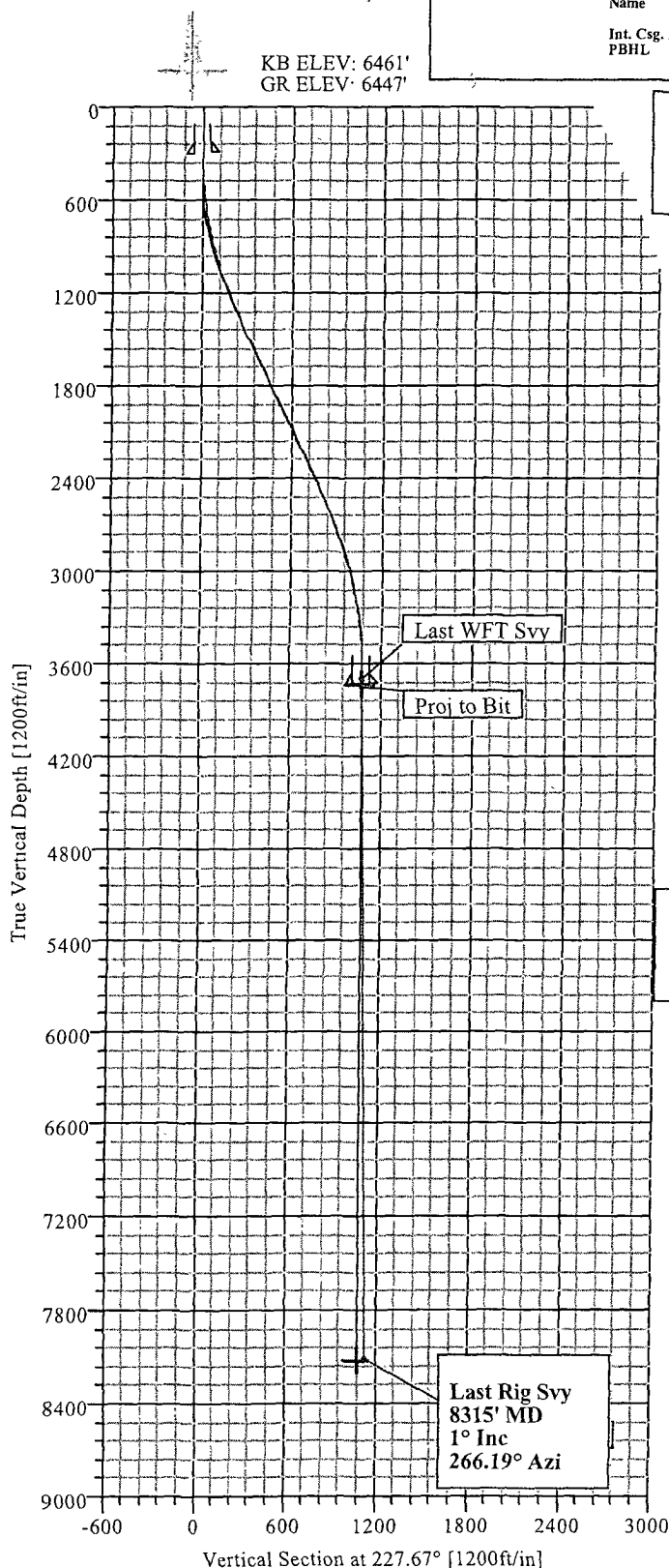
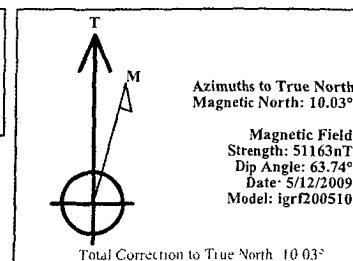
ROSA UNIT #156D
SAN JUAN CO., NEW MEXICO

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	227.67	0.00	0.00	0.00	0.00	0.00	0.00	
2	400.00	0.00	227.67	400.00	0.00	0.00	0.00	0.00	0.00	
3	1264.09	25.92	227.67	1234.91	-129.39	-142.07	3.00	227.67	192.16	
4	2652.51	25.92	227.67	2483.64	-538.09	-590.81	0.00	0.00	799.12	
5	3948.64	0.00	227.67	3736.00	-732.17	-803.91	2.00	180.00	1087.36	Int. Csg. Pt.
6	8333.64	0.00	227.67	8121.00	-732.17	-803.91	0.00	227.67	1087.36	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#156D	0.00	0.00	2153832.92	2831475.97	36°55'06.170N	107°27'45.290W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Int. Csg. Pt.	3736.00	-732.17	-803.91	36°54'58.930N	107°27'55.190W	Point
PBHL	8121.00	-732.17	-803.91	36°54'58.930N	107°27'55.190W	Point

CASING DETAILS				
No.	TVD	MD	Name	Size
1	300.00	300.02	10 3/4"	10.750
2	3736.00	3943.30	7 5/8" Int. Csg.	0.000



Last Rig Svy									
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
116	8315.00	1.00	266.19	8107.27	-734.34	-864.18	0.01	0.00	1133.37

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	2436.00	2594.92	Ojo Alamo Ss.
2	2566.00	2737.55	Kirtland Sh.
3	3051.00	3251.70	Fruitland Frm.
4	3261.00	3465.81	Pictured Cliffs Ss.
5	3561.00	3768.25	Lewis Sh.
6	5136.00	5343.39	Cliff House Ss. Trans.
7	5451.00	5658.42	Cliff House Ss.
8	5496.00	5703.42	Menefee Fm.
9	5736.00	5943.44	Point Lookout Ss.
10	6056.00	6263.47	Mancos Sh.
11	7066.00	7273.59	Gallup Ss.
12	7786.00	7993.68	Greenhorn Ls.
13	7846.00	8053.69	Graneros Sh.
14	7981.00	8188.71	Dakota Ss.



Weatherford



Weatherford International, Inc.

Survey Report



Weatherford

Company: WILLIAMS PRODUCTION	Date: 7/28/2009	Time: 10:45:54	Page: 1
Field: SAN JUAN CO. NM (NAD83)	Co-ordinate(NE) Reference:	Well: #156D True North	
Site: Rosa Unit #156D	Vertical (TVD) Reference:	SITE 6461.0	
Well: #156D	Section (VS) Reference:	Well (0.00N;0.00E;227.67Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: SAN JUAN CO. NM (NAD83)		
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:	igrf200510

Site: Rosa Unit #156D		
1075' FNL 995' FEL of SEC 9 T31N R6W		
Site Position: Northing: 2153832.92 ft	Latitude: 36 55 6.170 N	
From: Geographic Easting: 2831475.97 ft	Longitude: 107 27 45.290 W	
Position Uncertainty: 0.00 ft	North Reference: True	
Ground Level: 6447.00 ft	Grid Convergence: 0 22 deg	

Well: #156D	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 2153832.92 ft	Latitude: 36 55 6.170 N
+E/-W 0.00 ft	Easting: 2831475.97 ft	Longitude: 107 27 45.290 W
Position Uncertainty: 0.00 ft		

Wellpath: 1	Drilled From: Surface	
Current Datum: SITE	Tie-on Depth: 0.00 ft	
Magnetic Data: 5/12/2009	Above System Datum: Mean Sea Level	
Field Strength: 51163 nT	Declination: 10.03 deg	
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.74 deg	
ft	+N/-S ft	Direction deg
0.00	0.00	227.67

Survey: WFT SVY	Start Date: 7/28/2009	
Company: Weatherford International, Inc	Engineer: Lindsey Maddux	
Tool: MWD, MWD - Standard	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
391.00	1.66	229.37	390.95	-3.69	-4.30	5.66	0.42	0.42	0.00	MWD
422.00	2.63	228.91	421.92	-4.45	-5.18	6.82	3.13	3.13	-1.48	MWD
452.00	3.56	229.41	451.88	-5.51	-6.40	8.44	3.10	3.10	1.67	MWD
482.00	4.38	228.91	481.81	-6.87	-7.97	10.52	2.74	2.73	-1.67	MWD
512.00	5.06	228.41	511.70	-8.50	-9.82	12.98	2.27	2.27	-1.67	MWD
543.00	5.81	227.28	542.57	-10.47	-12.00	15.92	2.44	2.42	-3.65	MWD
572.00	6.50	227.66	571.40	-12.57	-14.29	19.03	2.38	2.38	1.31	MWD
602.00	7.25	227.78	601.18	-14.99	-16.95	22.62	2.50	2.50	0.40	MWD
633.00	8.13	228.78	631.90	-17.74	-20.05	26.77	2.87	2.84	3.23	MWD
663.00	9.19	229.41	661.56	-20.70	-23.46	31.28	3.55	3.53	2.10	MWD
694.00	10.06	228.41	692.12	-24.11	-27.37	36.47	2.86	2.81	-3.23	MWD
725.00	10.69	227.78	722.62	-27.84	-31.52	42.05	2.06	2.03	-2.03	MWD
754.00	11.31	227.78	751.08	-31.56	-35.62	47.58	2.14	2.14	0.00	MWD
785.00	11.97	227.99	781.45	-35.75	-40.26	53.84	2.13	2.13	0.68	MWD
815.00	12.50	225.53	810.77	-40.11	-44.89	60.19	2.48	1.77	-8.20	MWD
846.00	13.19	228.41	840.99	-44.81	-49.93	67.08	3.04	2.23	9.29	MWD
877.00	13.69	228.28	871.14	-49.59	-55.31	74.29	1.62	1.61	-0.42	MWD
907.00	14.44	228.91	900.24	-54.42	-60.78	81.58	2.55	2.50	2.10	MWD
937.00	15.19	229.28	929.24	-59.44	-66.58	89.24	2.52	2.50	1.23	MWD
967.00	16.25	228.16	958.12	-64.80	-72.68	97.37	3.68	3.53	-3.73	MWD
997.00	16.63	227.53	986.89	-70.50	-78.98	105.86	1.40	1.27	-2.10	MWD
1027.00	17.50	225.66	1015.57	-76.55	-85.37	114.66	3.43	2.90	-6.23	MWD
1059.00	18.63	225.66	1046.00	-83.49	-92.47	124.58	3.53	3.53	0.00	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company:	WILLIAMS PRODUCTION	Date:	7/28/2009	Time:	10:45:54	Page:	2
Field:	SAN JUAN CO. NM (NAD83)	Co-ordinate(NE) Reference:	Well: #156D, True North				
Site:	Rosa Unit #156D	Vertical (TVD) Reference:	SITE 6461.0				
Well:	#156D	Section (VS) Reference:	Well (0.00N, 0.00E, 227.67Azi)				
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
1089.00	19.63	226.53	1074.34	-90.30	-99.55	134.41	3.47	3.33	2.90	MWD
1119.00	20.50	226.53	1102.52	-97.38	-107.02	144.70	2.90	2.90	0.00	MWD
1150.00	21.38	226.16	1131.47	-105.03	-115.04	155.77	2.87	2.84	-1.19	MWD
1180.00	22.13	226.03	1159.33	-112.74	-123.05	166.89	2.51	2.50	-0.43	MWD
1211.00	23.02	225.82	1187.96	-121.02	-131.60	178.78	2.88	2.87	-0.68	MWD
1242.00	23.94	226.66	1216.39	-129.56	-140.52	191.13	3.16	2.97	2.71	MWD
1274.00	24.50	226.78	1245.57	-138.56	-150.07	204.25	1.76	1.75	0.37	MWD
1305.00	24.69	226.53	1273.76	-147.42	-159.46	217.15	0.70	0.61	-0.81	MWD
1337.00	25.00	226.91	1302.80	-156.64	-169.25	230.60	1.09	0.97	1.19	MWD
1368.00	25.31	227.66	1330.86	-165.57	-178.93	243.77	1.43	1.00	2.42	MWD
1399.00	25.75	227.41	1358.83	-174.59	-188.78	257.14	1.46	1.42	-0.81	MWD
1431.00	26.19	227.53	1387.60	-184.07	-199.11	271.15	1.38	1.37	0.37	MWD
1462.00	25.31	226.91	1415.52	-193.21	-209.00	284.61	2.97	-2.84	-2.00	MWD
1494.00	25.38	227.03	1444.44	-202.56	-219.01	298.31	0.27	0.22	0.37	MWD
1525.00	25.06	226.91	1472.49	-211.57	-228.66	311.52	1.05	-1.03	-0.39	MWD
1557.00	25.60	227.74	1501.41	-220.85	-238.73	325.21	2.02	1.69	2.59	MWD
1587.00	25.00	228.78	1528.53	-229.39	-248.30	338.03	2.49	-2.00	3.47	MWD
1618.00	25.31	229.03	1556.59	-238.05	-258.23	351.20	1.06	1.00	0.81	MWD
1649.00	25.69	228.91	1584.57	-246.81	-268.29	364.55	1.24	1.23	-0.39	MWD
1680.00	25.50	226.91	1612.53	-255.79	-278.23	377.94	2.85	-0.61	-6.45	MWD
1711.00	25.56	227.16	1640.50	-264.89	-288.01	391.30	0.40	0.19	0.81	MWD
1742.00	25.88	227.28	1668.43	-274.03	-297.88	404.75	1.05	1.03	0.39	MWD
1774.00	26.06	226.28	1697.20	-283.62	-308.09	418.76	1.48	0.56	-3.12	MWD
1805.00	25.38	226.53	1725.13	-292.90	-317.84	432.21	2.22	-2.19	0.81	MWD
1865.00	25.31	227.03	1779.36	-310.49	-336.55	457.89	0.38	-0.12	0.83	MWD
1896.00	25.44	227.66	1807.37	-319.49	-346.32	471.17	0.97	0.42	2.03	MWD
1928.00	25.06	228.53	1836.31	-328.61	-356.48	484.82	1.66	-1.19	2.72	MWD
1959.00	25.06	229.41	1864.39	-337.23	-366.39	497.95	1.20	0.00	2.84	MWD
1990.00	25.20	228.92	1892.46	-345.84	-376.35	511.11	0.81	0.45	-1.58	MWD
2021.00	25.50	228.91	1920.47	-354.56	-386.35	524.38	0.97	0.97	-0.03	MWD
2053.00	25.44	228.53	1949.36	-363.64	-396.69	538.14	0.54	-0.19	-1.19	MWD
2084.00	25.50	229.03	1977.35	-372.42	-406.72	551.47	0.72	0.19	1.61	MWD
2114.00	25.63	229.41	2004.41	-380.88	-416.52	564.41	0.70	0.43	1.27	MWD
2145.00	25.94	229.28	2032.32	-389.66	-426.75	577.89	1.02	1.00	-0.42	MWD
2177.00	26.31	228.66	2061.05	-398.91	-437.38	591.97	1.44	1.16	-1.94	MWD
2208.00	26.75	228.91	2088.79	-408.04	-447.80	605.82	1.46	1.42	0.81	MWD
2239.00	27.25	228.28	2116.41	-417.34	-458.35	619.89	1.86	1.61	-2.03	MWD
2270.00	26.50	227.66	2144.06	-426.73	-468.76	633.90	2.58	-2.42	-2.00	MWD
2301.00	26.63	227.53	2171.79	-436.08	-479.00	647.77	0.46	0.42	-0.42	MWD
2332.00	25.94	227.53	2199.58	-445.34	-489.13	661.49	2.23	-2.23	0.00	MWD
2364.00	26.39	226.83	2228.31	-454.94	-499.47	675.60	1.71	1.41	-2.19	MWD
2395.00	25.88	226.53	2256.14	-464.30	-509.41	689.26	1.70	-1.65	-0.97	MWD
2426.00	26.13	226.28	2284.00	-473.68	-519.25	702.85	0.88	0.81	-0.81	MWD
2456.00	26.56	226.28	2310.88	-482.88	-528.87	716.16	1.43	1.43	0.00	MWD
2485.00	26.29	228.77	2336.85	-491.59	-538.39	729.06	3.93	-0.93	8.59	MWD
2546.00	25.69	229.41	2391.68	-509.10	-558.59	755.78	1.09	-0.98	1.05	MWD
2577.00	24.80	228.79	2419.72	-517.75	-568.59	769.00	2.99	-2.87	-2.00	MWD
2607.00	24.44	228.78	2446.99	-525.99	-577.99	781.49	1.20	-1.20	-0.03	MWD
2638.00	24.50	228.66	2475.21	-534.46	-587.64	794.33	0.25	0.19	-0.39	MWD
2669.00	24.75	228.53	2503.39	-543.00	-597.32	807.25	0.83	0.81	-0.42	MWD
2699.00	24.17	227.47	2530.70	-551.31	-606.56	819.67	2.42	-1.93	-3.53	MWD
2730.00	23.38	226.91	2559.07	-559.80	-615.73	832.16	2.65	-2.55	-1.81	MWD
2759.00	23.06	226.41	2585.72	-567.65	-624.04	843.60	1.30	-1.10	-1.72	MWD



Weatherford International, Inc.

Survey Report



Weatherford

Company: WILLIAMS PRODUCTION	Date: 7/28/2009	Time: 10:45:54	Page: 3
Field: SAN JUAN CO. NM (NAD83)	Co-ordinate(NE) Reference: Well: #156D, True North		
Site: Rosa Unit #156D	Vertical (TVD) Reference: SITE 6461.0		
Well: #156D	Section (VS) Reference: Well (0.00N:0.00E,227.67Azi)		
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
2790.00	22.81	225.03	2614.27	-576.08	-632.69	855.67	1.91	-0.81	-4.45	MWD
2821.00	22.31	225.28	2642.90	-584.47	-641.12	867.55	1.64	-1.61	0.81	MWD
2852.00	21.38	225.91	2671.67	-592.54	-649.36	879.08	3.09	-3.00	2.03	MWD
2882.00	21.06	227.28	2699.64	-600.01	-657.25	889.93	1.97	-1.07	4.57	MWD
2913.00	20.75	227.78	2728.60	-607.47	-665.41	900.99	1.15	-1.00	1.61	MWD
2945.00	20.63	227.78	2758.53	-615.07	-673.78	912.30	0.37	-0.37	0.00	MWD
2974.00	20.06	227.41	2785.72	-621.87	-681.23	922.38	2.01	-1.97	-1.28	MWD
3005.00	19.44	227.28	2814.90	-628.97	-688.93	932.86	2.01	-2.00	-0.42	MWD
3036.00	18.75	227.53	2844.19	-635.83	-696.40	943.00	2.24	-2.23	0.81	MWD
3067.00	18.44	227.16	2873.57	-642.53	-703.67	952.88	1.07	-1.00	-1.19	MWD
3096.00	17.88	227.78	2901.13	-648.64	-710.33	961.92	2.04	-1.93	2.14	MWD
3125.00	17.38	228.53	2928.77	-654.50	-716.87	970.71	1.89	-1.72	2.59	MWD
3156.00	16.00	229.53	2958.46	-660.34	-723.59	979.61	4.55	-4.45	3.23	MWD
3187.00	15.00	229.66	2988.33	-665.71	-729.90	987.89	3.23	-3.23	0.42	MWD
3218.00	14.44	228.53	3018.32	-670.87	-735.85	995.76	2.03	-1.81	-3.65	MWD
3250.00	13.75	226.78	3049.35	-676.11	-741.61	1003.55	2.53	-2.16	-5.47	MWD
3281.00	12.49	227.19	3079.54	-680.91	-746.75	1010.59	4.08	-4.06	1.32	MWD
3312.00	11.69	229.03	3109.85	-685.25	-751.59	1017.08	2.86	-2.58	5.94	MWD
3344.00	11.38	231.28	3141.21	-689.35	-756.50	1023.47	1.71	-0.97	7.03	MWD
3374.00	10.69	230.03	3170.65	-692.99	-760.94	1029.20	2.43	-2.30	-4.17	MWD
3403.00	10.56	227.91	3199.16	-696.50	-764.97	1034.55	1.42	-0.45	-7.31	MWD
3434.00	10.06	226.91	3229.66	-700.25	-769.06	1040.10	1.71	-1.61	-3.23	MWD
3465.00	9.63	227.03	3260.20	-703.87	-772.93	1045.40	1.39	-1.39	0.39	MWD
3496.00	9.38	227.91	3290.77	-707.33	-776.70	1050.52	0.93	-0.81	2.84	MWD
3527.00	8.94	228.16	3321.38	-710.63	-780.37	1055.45	1.43	-1.42	0.81	MWD
3558.00	8.38	229.03	3352.02	-713.72	-783.87	1060.12	1.86	-1.81	2.81	MWD
3587.00	8.00	228.91	3380.73	-716.43	-786.99	1064.25	1.31	-1.31	-0.41	MWD
3617.00	7.25	227.66	3410.46	-719.08	-789.96	1068.23	2.56	-2.50	-4.17	MWD
3648.00	6.56	226.28	3441.24	-721.62	-792.69	1071.96	2.29	-2.23	-4.45	MWD
3679.00	5.81	224.28	3472.06	-723.97	-795.06	1075.29	2.52	-2.42	-6.45	MWD
3708.00	5.23	224.04	3500.92	-725.97	-797.01	1078.08	2.00	-2.00	-0.83	MWD
3739.00	4.38	225.91	3531.81	-727.81	-798.84	1080.67	2.79	-2.74	6.03	MWD
3770.00	3.00	231.16	3562.75	-729.14	-800.32	1082.66	4.58	-4.45	16.94	MWD
3800.00	1.81	238.53	3592.72	-729.88	-801.34	1083.91	4.09	-3.97	24.57	MWD
3831.00	1.00	255.66	3623.71	-730.20	-802.02	1084.63	2.92	-2.61	55.26	MWD
3863.00	0.63	273.78	3655.71	-730.26	-802.46	1085.00	1.40	-1.16	56.62	MWD
3906.00	0.60	266.19	3698.71	-730.26	-802.92	1085.34	0.20	-0.07	-17.65	Last WFT Svy
3955.00	0.60	266.19	3747.70	-730.29	-803.43	1085.74	0.00	0.00	0.00	Proj to Bit
8315.00	1.00	266.19	8107.27	-734.34	-864.18	1133.37	0.01	0.01	0.00	Last Rig Svy

Annotation

MD ft	TVD ft	
3906.00	3698.71	Last WFT Svy
3955.00	3747.70	Proj to Bit
8315.00	8107.27	Last Rig Svy