RECEIVED

NOV 0 6 2009

Bureau of Land Management
Farmington Field Office

3
In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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-078766

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Rosa Unit

1. Type of Well
Oil Well Gas Well X Other

8 Well Name and No.
Rosa Unit 160D

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-30689

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

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

4. Location of Well (Footage, Sec., T , R., M., or Survey Description)
SURF: 1140' FSL & 1400' FWL
BHL: 631' FSL & 679' FWL SEC 25 31N 6W ✓

11 County or Parish, State
Rio Arriba, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
X Subsequent Report	Recompletion	New Construction
XR Final Abandonment	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
	Altering Casing	Conversion to Injection
	X Other Completion	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.)*

8-27-09 – RU BWWC and run CBL, TOC @ 3500' ✓

8-31-09 – MIRU AWS #748 – Test 5-1/2" prod casing to 1500 PSI for 30 min, no leak off ✓

9-1-09 – DO cement & FC to PBTD @ 8107'

9-2-09 – AWS #748 MOL

9-23-09 – Rigless – Perf Dakota, 7996'-8096', with 63, 0.34" holes

9-24-09 – Frac Dakota with 5372# 100 mesh BASF followed with 87,518# 40/70 BASF. Set FTBP @ 7950'. Perf lower Mancos, 7267'-7358', with 63, 0.34" holes. Frac lower mancos with 5232 # 100 mesh BASF followed with 122,249# 40/70 BASF. Set FTBP @ 7246'. Perf upper Mancos, 7012'-7208', with 66, 0.34" holes. Frac upper Mancos with 6933# 100 mesh BASF followed with 124,962# 40/70 BASF

ACCEPTED FOR RECORD
NOV 12 2009
FARMINGTON FIELD OFFICE
BY TL Salyers

RCVD NOV 13 '09
OIL CONS. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins Title Drilling COM Date 11-6-09

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any.

Title 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Rosa Unit #160D – Page 2

10-1-09 – Set CBP @ 6200'. Perf Mesaverde formation 5994'-6032', 5832'-5864', 5574'-5578' & 5520'-5524' and start DFIT tests

10-12-09 – MIRU AWS #748 for Mesaverde completion and to finish DFIT tests

10-14-09 – Perf lower Mesaverde, 5762'-6032', with 68, 0.34" holes

10-16-09 – Frac lower Mesaverde with 80,808# 20/40 mesh BASF. Set FTBP @ 5740'. Perf upper Mesaverde, 5520'-5732', with 53, 0.34" holes. Frac upper Mesaverde with 86,481# 20/40 mesh BASF

10-18-09 – DO FTBP @ 5740'

10-19-09 thru 10-30-09 – Flow test MV formation

10-31-09 – DO CPB @ 6200'

11-1-09 – DO Flo-thru BP @ 7246'. DO Flo-thru BP @ 7950'

11-2-09 – FLOW TEST: Duration = 2 hr, Test Method, choke = 1/2", MCF/D = 1797, Csg Psi = 300 lbs , Tbg Psi = 0 psi ,Gas Type = wet, Gas Disposition = non flaring

11-5-09 – Land 2 3/8" 4.7# EUE mixed string as follows top down: 2 3/8" tbg hanger, 123 jts N-80, 126 jts J-55, 1.78" F-Npl @ 7946', 1 jt J-55, 1/2 muleshoe @ 7978'

ROSA UNIT #160D ✓

BLANCO MV / BASIN MC / BASIN DK

Spud: 08/9/09

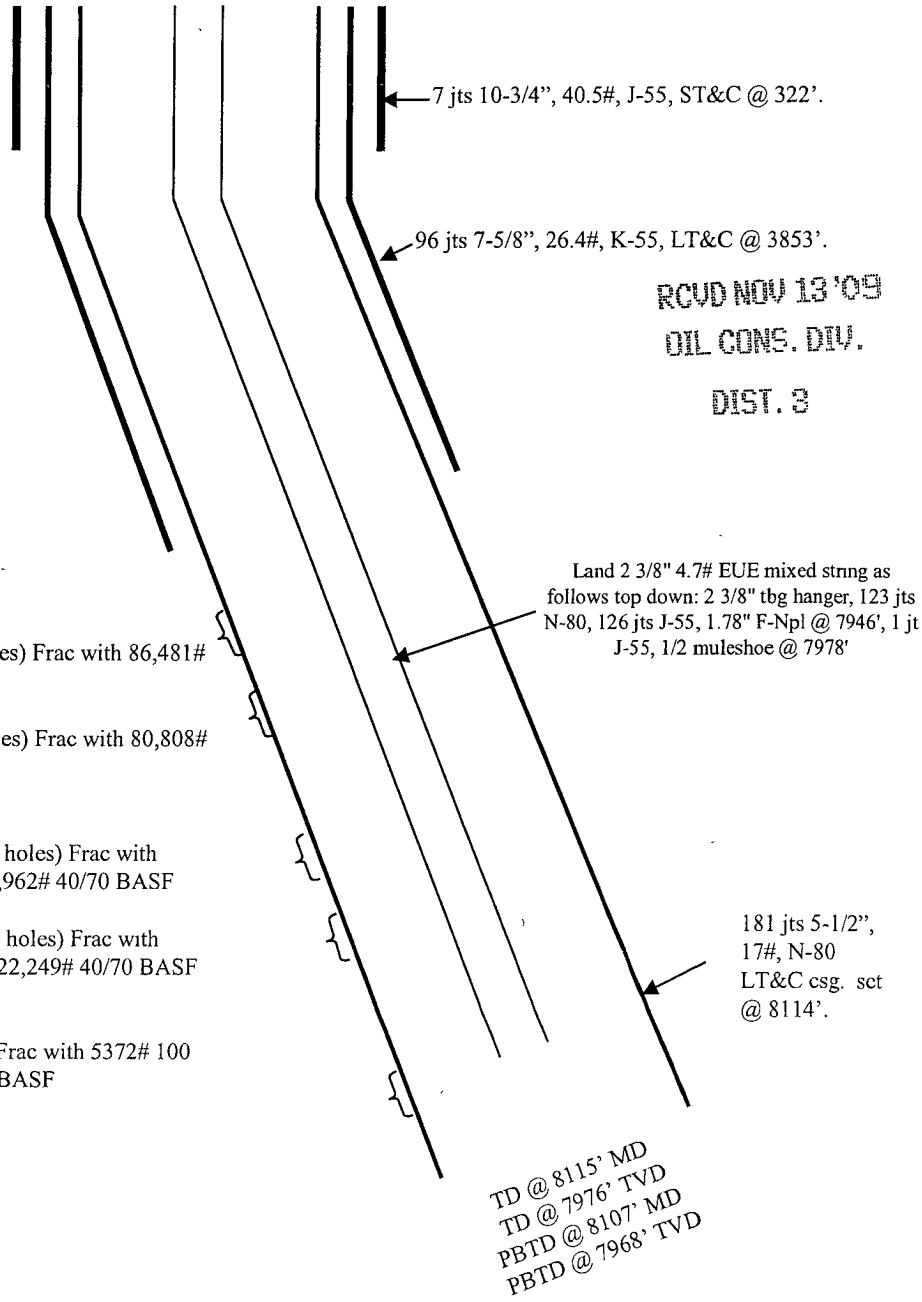
Completed: 11/05/09

Surface Location:
1140' FSL and 1400' FWL
SE/4 SW/4 Sec 25 (N), T31N, R06W
Rio Arriba, NM

Bottom Hole Location:
631' FSL and 679' FWL
SW/4 SW/4 Sec 25 (M), T31N, R06W
Rio Arriba, NM

Elevation: 6392' GR
API # 30-039-30689

Top	MD Depth	TVD Depth
Lewis	3778'	3640'
Cliffhouse Ss.	5495'	5356'
Point Lookout	5810'	5671'
Mancos	6262'	6123'
Graneros	7869'	7730'
Dakota	7995'	7856'



Upper MV: 5520'-5732' (53, 0.34" holes) Frac with 86,481# 20/40 mesh BASF

Lower MV: 5762'-6032' (68, 0.34" holes) Frac with 80,808# 20/40 mesh BASF

Upper Mancos: 7012'-7208' (66, 0.34" holes) Frac with 6933# 100 mesh BASF followed w/124,962# 40/70 BASF

Lower Mancos: 7267'-7388' (63, 0.34" holes) Frac with 5232# 100 mesh BASF followed with 122,249# 40/70 BASF

Dakota: 7996'-8096' (63, 0.34" holes) Frac with 5372# 100 mesh BASF followed w/87,518# 40/70 BASF

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#	585 sxs	1442 cu.ft.	Surface
6-3/4"	5-1/2", 17#	355 sxs	496 cu.ft.	3500' CBL

LH 11-6-09

Williams

ROSA UNIT #160D
RIO ARRIBA CO., NEW MEXICO

SECTION DETAILS

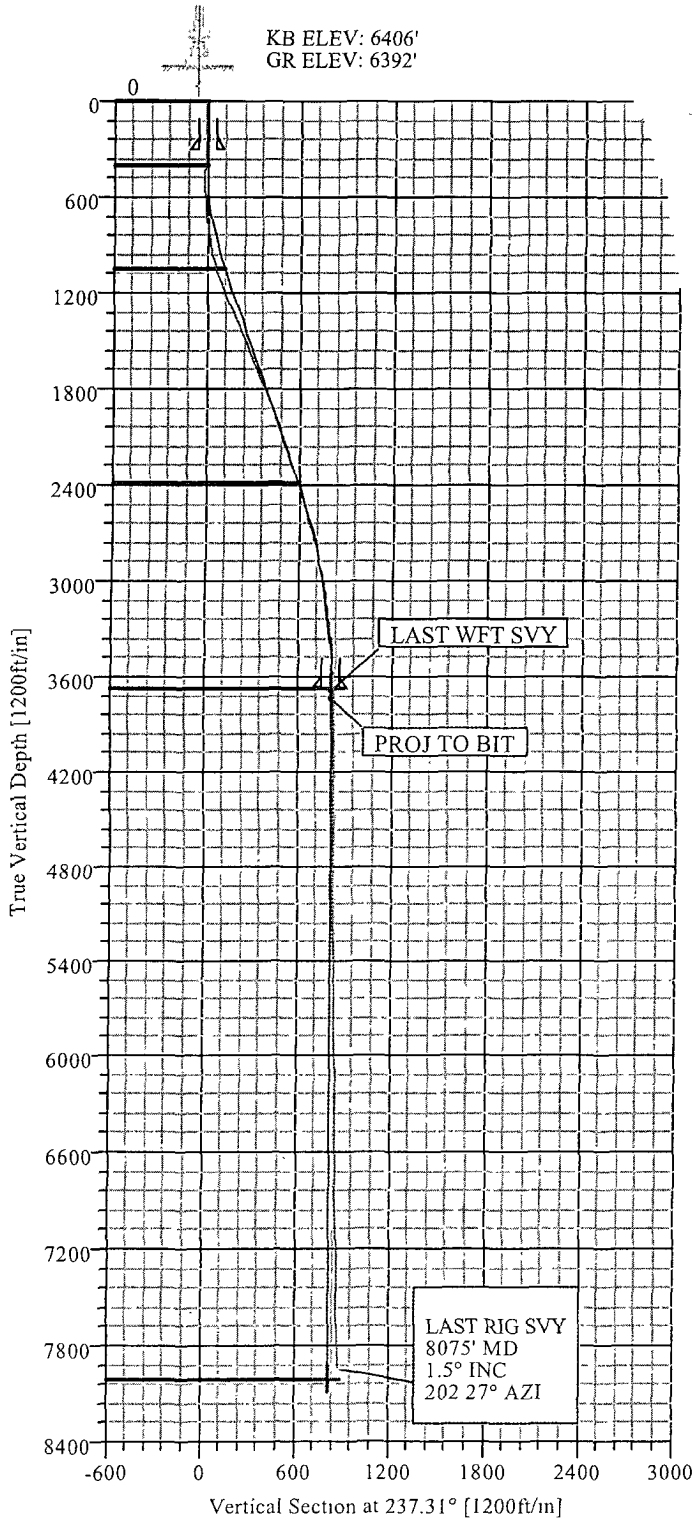
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	237.31	0.00	0.00	0.00	0.00	0.00	0.00	
2	400.00	0.00	237.31	400.00	0.00	0.00	0.00	0.00	0.00	
3	1059.47	19.78	237.31	1046.44	-60.88	-94.88	3.00	237.31	112.73	
4	2479.99	19.78	237.31	2383.12	-320.53	-499.55	0.00	0.00	593.54	
5	3798.93	0.00	237.31	3676.00	-442.28	-689.31	1.50	180.00	819.00	Int. Csg. Pt. 2
6	8133.93	0.00	237.31	8011.00	-442.28	-689.31	0.00	237.31	819.00	PBHL 2

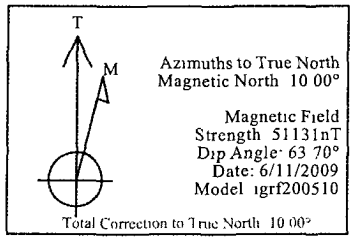
WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#160D	0.00	0.00	2136785.68	1298649.31	36°51'59.360N	107°25'06.130W	N/A

TARGET DETAILS

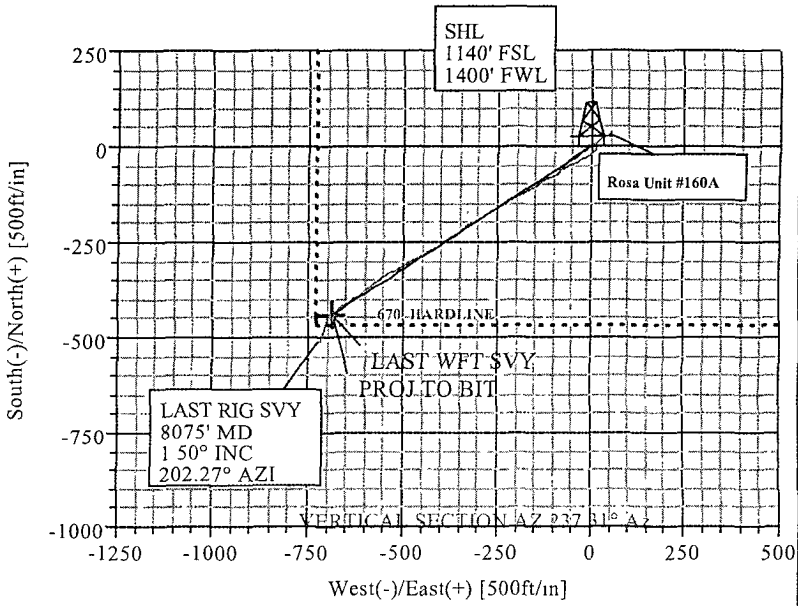
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Int. Csg. Pt. 2	3676.00	-442.28	-689.31	2136351.87	1297954.64	36°51'54.987N	107°25'14.612W	Point
PBHL 2	8011.00	-442.28	-689.31	2136351.87	1297954.64	36°51'54.987N	107°25'14.612W	Point





FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	2456.00	2557.17	Ojo Alamo Ss.
2	2591.00	2698.78	Kirtland Sh.
3	2976.00	3094.95	Fruitland Fm.
4	3201.00	3322.69	Pictured Cliffs Ss.
5	3516.00	3638.88	Lewis Sh.
6	5066.00	5188.93	Cliff House Ss. Trans.
7	5371.00	5493.93	Cliff House Ss.
8	5421.00	5543.93	Menefee Fm.
9	5621.00	5743.93	Point Lookout Ss.
10	5986.00	6108.93	Mancos Sh.
11	6966.00	7088.93	Gallup Ss.
12	7686.00	7808.93	Greenhorn Ls.
13	7731.00	7853.93	Granersos Sh.
14	7856.00	7978.93	Dakota Ss.



Weatherford

CASING DETAILS

No.	TVD	MD	Name	Size
1	300.00	300.00	10 3/4"	10.750
2	3676.00	3798.93	7 5/8" Int. Csg.	0.000

Plan: Plan #2 (#160D/1)

Created By: Lindsey Maddux Date: 8/25/2009

Weatherford International, Inc.
Survey Report

Company:	WILLIAMS PRODUCTION	**Date:** 8/25/2009	**Time:** 15:53:59	**Page:**	1
Field:	RIO ARRIBA CO. NM (NAD 83)	**Co-ordinate(NE) Reference:**	Well: #160D, True North		
Site:	Rosa Unit #160D	**Vertical (TVD) Reference:**	SITE 6406.0		
Well:	#160D	**Section (VS) Reference:**	Well (0.00N,0.00E,237.31Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Field: RIO ARRIBA CO. NM (NAD 83)

Map System:	US State Plane Coordinate System 1983	**Map Zone:**	New Mexico, Central Zone
Geo Datum:	GRS 1980	**Coordinate System:**	Well Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	igrf200510

Site: Rosa Unit #160D

1140' FSL 140' FWL of SEC 25 T31N R6W

Site Position:		**Northing:**	2136785.68 ft	**Latitude:**	36 51 59.360 N
From:	Geographic	**Easting:**	1298649.31 ft	**Longitude:**	107 25 6.130 W
Position Uncertainty:	0.00 ft			**North Reference:**	True
Ground Level:	6392.00 ft			**Grid Convergence:**	-0.70 deg

Well: #160D **Slot Name:**

Well Position:	+N/-S	0.00 ft	**Northing:**	2136785.68 ft	**Latitude:**	36 51 59.360 N
	+E/-W	0.00 ft	**Easting:**	1298649.31 ft	**Longitude:**	107 25 6.130 W
Position Uncertainty:		0.00 ft				

Wellpath: 1

				Drilled From:	Surface
				Tie-on Depth:	0.00 ft
Current Datum:	SITE	**Height**	6406.00 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	6/11/2009			**Declination:**	10.00 deg
Field Strength:	51131 nT			**Mag Dip Angle:**	63.70 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	0.00	0.00	0.00	237.31

Survey: WFT SVY **Start Date:** 8/13/2009

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
349.00	2.93	60.31	348.85	4.42	7.75	-8.91	0.84	0.84	0.00	MWD
380.00	2.70	62.87	379.81	5.14	9.09	-10.43	0.85	-0.74	8.26	MWD
411.00	1.94	63.59	410.78	5.71	10.21	-11.68	2.45	-2.45	2.32	MWD
441 00	1.55	80.20	440.77	6.01	11.06	-12.55	2.12	-1.30	55.37	MWD
472.00	1.13	100.18	471.76	6 02	11.78	-13.16	2.01	-1.35	64 45	MWD
503.00	1.10	135.78	502.76	5.76	12 29	-13.45	2.20	-0.10	114.84	MWD
533.00	1.71	164.75	532 75	5.12	12.60	-13.37	3.06	2.03	96.57	MWD
564.00	2.25	173 25	563.73	4.07	12.80	-12.97	1.98	1.74	27.42	MWD
595.00	3.00	175.50	594.70	2.65	12.93	-12.32	2.44	2 42	7.26	MWD
626.00	3.69	184.13	625.64	0.85	12.92	-11.34	2.75	2 23	27.84	MWD
657.00	4.88	194.13	656.56	-1.42	12.53	-9.78	4.52	3.84	32.26	MWD
687.00	5.75	200.38	686 43	-4.07	11.70	-7.64	3.48	2.90	20.83	MWD
718.00	6.75	207.00	717.24	-7.15	10.33	-4.83	3.97	3.23	21.35	MWD
749 00	8.06	213.00	747.99	-10.60	8.32	-1 28	4.90	4.23	19.35	MWD
779.00	8.49	220.56	777 67	-14.04	5.73	2.76	3 90	1.43	25.20	MWD
810 00	9.25	226 38	808.30	-17 50	2.44	7.40	3.79	2 45	18.77	MWD
841.00	9.88	231.88	838.87	-20.86	-1.46	12.49	3.58	2.03	17.74	MWD
871 00	10.19	236 50	868.41	-23 91	-5.69	17.71	2.87	1.03	15.40	MWD
903.00	11.13	239 50	899.86	-27.04	-10.72	23.62	3.41	2.94	9.37	MWD
934.00	12.13	242.75	930.23	-30.05	-16.19	29.86	3.86	3 23	10.48	MWD
966 00	13.19	243.25	961.45	-33.24	-22.44	36.84	3.33	3.31	1.56	MWD
997.00	14.81	241.63	991.53	-36.71	-29 08	44.30	5.38	5.23	-5 23	MWD
1029 00	16.40	243.25	1022.35	-40 69	-36.72	52.88	5.15	4.97	5.06	MWD

Weatherford International, Inc.

Survey Report

Company:	WILLIAMS PRODUCTION	**Date:**	8/25/2009	**Time:**	15:53:59	**Page:**	2
Field:	RIO ARRIBA CO. NM (NAD 83)	**Co-ordinate(NE) Reference:**	Well: #160D, True North				
Site:	Rosa Unit #160D	**Vertical (TVD) Reference:**	SITE 6406.0				
Well:	#160D	**Section (VS) Reference:**	Well (0.00N,0.00E,237.31Azi)				
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
1061.00	17.10	242.49	1052.99	-44.89	-44.92	62.06	2.29	2.19	-2.37	MWD
1093.00	18.00	241.25	1083.50	-49.45	-53.43	71.67	3.05	2.81	-3.87	MWD
1124.00	18.87	240.83	1112.91	-54.19	-62.01	81.46	2.84	2.81	-1.35	MWD
1156.00	20.17	239.93	1143.07	-59.48	-71.30	92.13	4.17	4.06	-2.81	MWD
1187.00	20.93	240.42	1172.09	-64.89	-80.74	103.00	2.51	2.45	1.58	MWD
1219.00	21.81	240.10	1201.89	-70.68	-90.87	114.65	2.77	2 75	-1.00	MWD
1251.00	22.66	240.09	1231.51	-76.71	-101.36	126.74	2.66	2.66	-0.03	MWD
1283.00	23.21	239.70	1260.98	-82.97	-112.15	139.20	1.78	1.72	-1.22	MWD
1314.00	23.63	240.20	1289.43	-89.14	-122.82	151.51	1.50	1.35	1.61	MWD
1346.00	24.43	240.58	1318 66	-95.58	-134.15	164.52	2.55	2.50	1.19	MWD
1378.00	24.99	239.98	1347.73	-102.21	-145.76	177.88	1.92	1.75	-1.87	MWD
1410.00	25.06	239.55	1376.72	-109.02	-157.46	191.40	0.61	0.22	-1.34	MWD
1442.00	25 24	240.33	1405.69	-115.84	-169.23	204.99	1.18	0.56	2.44	MWD
1473.00	25.53	239.97	1433.70	-122.45	-180.75	218.26	1.06	0.94	-1.16	MWD
1504.00	25.52	240.11	1461.67	-129.12	-192.33	231.60	0.20	-0.03	0.45	MWD
1535.00	25.44	239.75	1489.65	-135.80	-203.87	244.92	0.56	-0.26	-1.16	MWD
1566.00	24.94	240.75	1517.71	-142.35	-215.32	258.10	2.12	-1.61	3.23	MWD
1598.00	24.88	240.63	1546.73	-148.95	-227.08	271.55	0.25	-0.19	-0.37	MWD
1630.00	24.31	241.25	1575.83	-155.42	-238.72	284.85	1.96	-1.78	1.94	MWD
1662.00	23.56	240.63	1605.07	-161.72	-250.07	297.80	2.47	-2.34	-1.94	MWD
1694.00	23.25	240.50	1634.44	-167.97	-261.14	310.49	0.98	-0.97	-0.41	MWD
1725.00	23.06	240.13	1662.94	-174.01	-271.73	322.67	0.77	-0.61	-1.19	MWD
1757.00	22.55	239.49	1692.44	-180.24	-282.45	335.06	1.77	-1.59	-2.00	MWD
1789.00	22.50	239.00	1722.00	-186.51	-292.98	347.31	0.61	-0.16	-1.53	MWD
1821.00	21.81	240 00	1751.64	-192.64	-303.38	359.37	2.46	-2.16	3.12	MWD
1852.00	21.00	238.63	1780.50	-198.41	-313.11	370.67	3.07	-2.61	-4.42	MWD
1884.00	20.63	238.63	1810.41	-204.33	-322.82	382.04	1.16	-1.16	0.00	MWD
1916.00	20.63	237.50	1840.36	-210.29	-332.38	393.31	1.24	0 00	-3.53	MWD
1948.00	20.82	236.53	1870.29	-216.46	-341.88	404.64	1.23	0.59	-3.03	MWD
1979.00	20.94	237.44	1899.25	-222.48	-351.15	415.69	1.12	0.39	2 94	MWD
2009.00	21.02	236 52	1927.26	-228.33	-360.15	426.43	1.13	0.27	-3.07	MWD
2041.00	20.81	236.51	1957.16	-234.63	-369.68	437.85	0.66	-0.66	-0.03	MWD
2073 00	21.20	235.66	1987.03	-241.03	-379.20	449.32	1.55	1.22	-2 66	MWD
2105.00	21.61	235.28	2016.82	-247.65	-388.82	460.99	1.35	1.28	-1.19	MWD
2137.00	20.74	236.80	2046.66	-254.11	-398.41	472.54	3.21	-2.72	4.75	MWD
2168.00	20.10	236.92	2075.71	-260.03	-407 46	483.36	2.07	-2.06	0 39	MWD
2200.00	20.24	238.76	2105.75	-265.90	-416.80	494.39	2.03	0.44	5.75	MWD
2232.00	20 25	238.75	2135.77	-271.64	-426.27	505.46	0.03	0.03	-0.03	MWD
2264.00	20.13	241.25	2165.81	-277.16	-435 83	516.49	2.72	-0.37	7.81	MWD
2295.00	20.19	241.13	2194.91	-282.31	-445.19	527.15	0.24	0.19	-0.39	MWD
2326.00	20.00	241 13	2224.02	-287.45	-454.52	537.78	0.61	-0.61	0.00	MWD
2358.00	19.97	241.78	2254.10	-292.68	-464.13	548.69	0.70	-0.09	2.03	MWD
2390.00	18.75	239.88	2284.29	-297.84	-473.39	559.27	4.29	-3.81	-5.94	MWD
2422.00	18.56	240 38	2314.60	-302.94	-482.27	569.50	0.78	-0.59	1.56	MWD
2453.00	18.63	241.25	2343.99	-307 76	-490.90	579.36	0.92	0 23	2.81	MWD
2485.00	18 13	242.75	2374.35	-312.50	-499.80	589 42	2.15	-1.56	4.69	MWD
2517.00	17.25	242.63	2404.84	-316.96	-508.44	599.10	2.75	-2 75	-0.37	MWD
2548.00	17.18	241.87	2434.45	-321.23	-516.56	608 24	0.76	-0.23	-2.45	MWD
2579 00	16.94	239.88	2464.09	-325 66	-524.51	617.31	2.04	-0.77	-6.42	MWD
2610.00	16.38	239.13	2493.79	-330.17	-532.17	626.19	1.93	-1 81	-2.42	MWD
2642.00	16.13	237.50	2524.51	-334.87	-539.79	635.15	1.63	-0.78	-5.09	MWD
2674.00	16.00	237 63	2555.26	-339.62	-547.26	644.01	0.42	-0.41	0.41	MWD
2706 00	16.45	236.58	2585.98	-344.48	-554.77	652 95	1.68	1.41	-3 28	MWD

Weatherford International, Inc.
Survey Report

Company:	WILLIAMS PRODUCTION	**Date:**	8/25/2009	**Time:** 15:53:59	**Page:** 3
Field:	RIO ARRIBA CO NM (NAD 83)	**Co-ordinate(NE) Reference:**	Well: #160D, True North		
Site:	Rosa Unit #160D	**Vertical (TVD) Reference:**	SITE 6406.0		
Well:	#160D	**Section (VS) Reference:**	Well (0.00N,0.00E,237.31Azi)		
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
2737.00	16.50	234.38	2615.71	-349.46	-562.01	661.73	2.02	0.16	-7.10	MWD
2769.00	16.31	235.00	2646.41	-354.68	-569.39	670.76	0.81	-0.59	1.94	MWD
2801.00	16.58	232.55	2677.10	-360.04	-576.69	679.80	2.33	0.84	-7.66	MWD
2833.00	16.15	233.08	2707.80	-365.49	-583.87	688.79	1.42	-1.34	1.66	MWD
2864.00	15.75	231.75	2737.61	-370.68	-590.62	697.27	1.75	-1.29	-4.29	MWD
2895.00	14.75	232.38	2767.52	-375.69	-597.05	705.39	3.27	-3.23	2.03	MWD
2927.00	14.31	234.63	2798.49	-380.47	-603.51	713.40	2.24	-1.37	7.03	MWD
2959.00	13.94	233.75	2829.53	-385.04	-609.84	721.20	1.34	-1.16	-2.75	MWD
2990.00	14.06	234.25	2859.61	-389.45	-615.91	728.69	0.55	0.39	1.61	MWD
3022.00	13.69	235.75	2890.67	-393.85	-622.19	736.35	1.61	-1.16	4.69	MWD
3054.00	13.31	236.88	2921.79	-397.99	-628.41	743.82	1.45	-1.19	3.53	MWD
3086.00	12.88	236 00	2952.96	-402.00	-634.45	751.07	1.48	-1.34	-2.75	MWD
3118.00	12.05	237.01	2984.20	-405.81	-640.21	757.98	2.68	-2.59	3.16	MWD
3149.00	11.06	236.63	3014.57	-409.21	-645.40	764.19	3.20	-3.19	-1.23	MWD
3181.00	10.44	237.75	3046.01	-412.45	-650.42	770.16	2.04	-1.94	3.50	MWD
3213.00	10.00	236.50	3077.50	-415.53	-655.19	775.83	1.54	-1.37	-3.91	MWD
3245.00	9.50	237.00	3109.04	-418.50	-659.72	781.25	1.58	-1.56	1.56	MWD
3276.00	8.69	235.50	3139.65	-421.22	-663.80	786.15	2.72	-2.61	-4.84	MWD
3307.00	7.63	230.88	3170.34	-423.84	-667.32	790.54	4.02	-3.42	-14.90	MWD
3339.00	7.06	229.50	3202.07	-426.46	-670.47	794.60	1.86	-1.78	-4.31	MWD
3370.00	7.13	228.13	3232.84	-428.98	-673.35	798.38	0 59	0.23	-4.42	MWD
3402.00	7.50	232.25	3264.58	-431.59	-676 48	802.42	2.01	1.16	12.87	MWD
3434.00	7.26	234.97	3296.31	-434.02	-679.78	806.52	1.32	-0.75	8.50	MWD
3465.00	6.53	237.55	3327.09	-436.10	-682.88	810.24	2.56	-2.35	8.32	MWD
3497.00	5.56	240.83	3358.91	-437.83	-685 77	813.61	3.22	-3.03	10.25	MWD
3528.00	4.54	243.27	3389.79	-439.11	-688.17	816.33	3.36	-3.29	7.87	MWD
3559.00	4 01	239.08	3420.70	-440.22	-690.20	818.63	1.98	-1.71	-13.52	MWD
3591.00	3.31	230.97	3452.64	-441.38	-691.88	820.67	2.72	-2.19	-25.34	MWD
3622.00	2.91	226.47	3483.59	-442.48	-693.14	822.33	1.51	-1.29	-14.52	MWD
3653.00	2.23	207.67	3514.56	-443.56	-693 99	823.63	3.47	-2.19	-60.65	MWD
3685.00	1.97	212.25	3546.54	-444.57	-694.57	824.67	0.97	-0.81	14.31	MWD
3717.00	1.05	203.50	3578.53	-445.31	-694.98	825.41	2 96	-2.87	-27.34	MWD
3748 00	0.49	185.37	3609.52	-445.70	-695.11	825.73	1.95	-1.81	-58.48	MWD
3780 00	0.35	205.00	3641.52	-445.93	-695.16	825.90	0 62	-0.44	61.34	MWD
3812.00	0.34	202.29	3673.52	-446.10	-695.24	826.06	0 06	-0.03	-8.47	LAST WFT SVY
3863.00	0.34	202.29	3724.52	-446 38	-695 36	826.30	0.00	0.00	0 00	PROJ TO BIT
8075.00	1.50	202.29	7935.91	-508.96	-721.01	881.69	0.03	0 03	0.00	LAST RIG SVY

Annotation

MD ft	TVD ft	
3812.00	3673.52	LAST WFT SVY
3863.00	3724.52	PROJ TO BIT
8075.00	7935 91	LAST RIG SVY