

District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 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 and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

June 19, 2008

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-30479
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Williams Production Company, LLC.		6. State Oil & Gas Lease No. FEE
3. Address of Operator P.O. Box 640 - Aztec, NM 87410 634-4208		7. Lease Name or Unit Agreement Name Rosa Unit
4. Well Location Unit Letter <u>N</u>: <u>1130</u> feet from the <u>South</u> line and <u>1560</u> feet from the <u>West</u> line Section <u>15</u> Township <u>31N</u> Range <u>6W</u> NMPM Rio Arriba County		8. Well Number <u>25C</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6154' GR		9. OGRID Number <u>120782</u>
		10. Pool name or Wildcat Blanco MV/Basin MC/Basin DK

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Completion**

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10-6-09 - RU BWWC and run CBL, TOC @ 3420'

10-20-09 - MIRU AWS #560 - Test production casing to 1500 psi for 30 min with no leak off

10-21-09 - DO cement & FC to PBTD @ 8142'

10-22-09 - RDMO AWS #560

10-24-09 - Rigless - Perf Dakota, 8041'-8137', with 66, 0.34" holes

10-25-09 - Frac Dakota with 5022# 100 mesh BASF followed with 121,715# 40/70 BASF. Attempt to set Flo-thru BP but could not get it down casing with wireline unit. Decision was made to move rig on location to set BP

10-27-09 - MIRU AWS #656 to finish completion

10-31-09 - Set Flo-thru BP @ 7546'. Perf lower Mancos, 7260'-7396', with 66, 0.34" holes

RCVD NOV 24 '09

OIL CONS. DIV.

DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Larry Higgins TITLE: Drilling COM DATE: 11/23/09

Type or print name : Larry Higgins E-mail address: larry.higgins@williams.com PHONE: (505) 634-4208

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY: Felix G. Rodriguez TITLE: DATE **NOV 24 2009**

Conditions of Approval (if any):

by

Rosa Unit #25C – Page 2

11-2-09 – Frac lower Mancos with 5000# 100 mesh BASF followed with 98,600# 40/70 BASF. Set Flo-thru BP @ 7240', but parted wireline leaving approx 100' of wireline in hole

11-9-09 – TOH with fish

11-10-09 – DO Flo-thru BP @ 7240'

11-11-09 – Set CBP @ 7230'. Perf upper Mancos, 6960'-7190', with 72, 0.34" holes. Frac upper Mancos with 5160# 100 mesh BASF followed with 101,725# 40/70 BASF

11-15-09 – Set CBP @ 6240'. Perf lower Mesaverde, 5760'-6078', with 53, 0.34" holes

11-16-09 – Frac lower Mesaverde with 80,769# 20/40 mesh BASF. Set Flo-thru BP @ 5736'. Perf upper Mesaverde, 5503'-5698', with 50, 0.34" holes. Frac upper Mesaverde with 78,245# 20/40 mesh BASF

11-18-09 – DO Flo-thru BP @ 5736'

11-19-09 – DO CBP @ 6240'

11-20-09 – CO CBP @ 7230'. DO CBP @ 7546'

11-22-09 – Land 2 3/8", 4.7#, N-80, EUE tubing as follows top down: 2 3/8" tbg hanger, 255 jts N-80, 1.78" SN @ 8021', 1 jt N-80, 1/2 muleshoe @ 8053'.
FLOW TEST: Duration = 2 hr, Test Method, choke = 1/2", MCF/D = 2934, Csg Psi = 490 lbs, Tbg Psi = 0 psi, Gas Type = wet, Gas Disposition = non flaring

ROSA UNIT #025C
BLANCO MV / BASIN MC / BASIN DK

Spud: 09/15/09

Completed: 11/22/09

Surface Location:

1130' FSL and 1560' FWL
 SE/4 SW/4 Sec 15 (N), T31N, R06W
 Rio Arriba, NM

Bottom Hole Location:

834' FSL and 329' FWL
 SW/4 SW/4 Sec 15 (M), T31N, R06W
 Rio Arriba, NM

Elevation: 6154' GR

API # 30-039-30479

Top	MD Depth	TVD Depth
Lewis	3658'	3338'
Cliffhouse Ss.	5488'	5167'
Point Lookout	5779'	5458'
Mancos	6261'	5940'
Graneros	7901'	7580'
Dakota	8041'	7720'

Upper MV: 5503'-5698' (50, 0.34" holes) Frac with
 78,245# 20/40 mesh BASF

Lower MV: 5760'-6078' (53, 0.34" holes) Frac with
 80,769# 20/40 mesh BASF

Upper Mancos: 6960'-7190' (72, 0.34" holes) Frac with
 5160# 100 mesh BASF followed w/101,725# 40/70 BASF

Lower Mancos: 7260'-7396' (66, 0.34" holes) Frac with
 5000# 100 mesh BASF followed with 98,600# 40/70
 BASF

Dakota: 8041'-8137' (66, 0.34" holes) Frac with 5022#
 100 mesh BASF followed w/121,715# 40/70 BASF

← 8 jts 10-3/4", 40.5#, J-55, ST&C @ 360'.

← 86 jts 7-5/8", 26.4#, J-55, LT&C @ 3798'.

RCVD NOV 24 '09

OIL CONS. DIV.

DIST. 3

Land well @ 8053' as follows- 2-3/8"
 EUE half muleshoe, 1 jt 2 3/8" 4 7# N-80
 EUE 8rd tbg, 1 78" I.D F-nipple @ 8021',
 255 jts 4.7# N-80 EUE 8rd tbg. EOT @
 8053'

211 jts 4-1/2",
 11 6#, N-80
 LT&C csg. set
 @ 8152'.

TD @ 8152' MD
 TD @ 7831' TVD
 PBTD @ 8142' MD
 PBTD @ 7821' 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#	580 sxs	1428 cu.ft.	Surface
6-3/4"	4-1/2", 11.6#	590 sxs	826 cu.ft.	3420' CBL

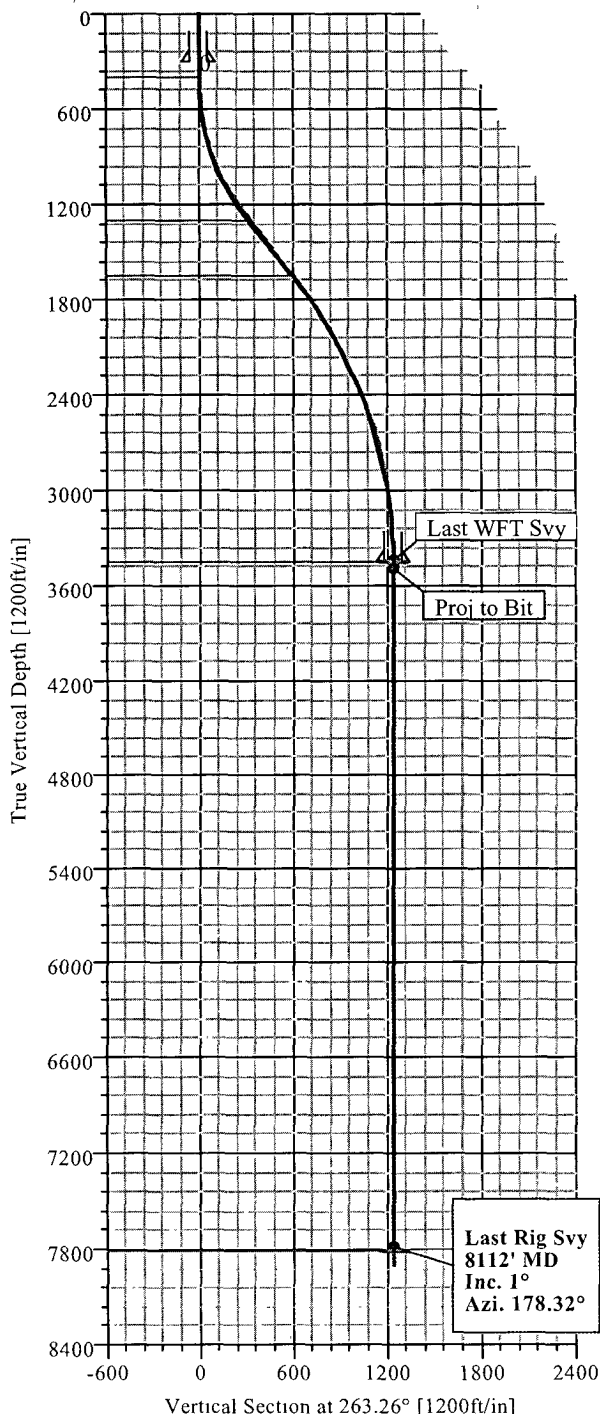


ROSA UNIT #25-C
RIO ARriba CO., NEW MEXICO
API #: 30-039-30479

CASING DETAILS

No	TVD	MD	Name	Size
1	300.00	300.00	10 3/4"	10.750
2	3453.00	3773.63	7 5/8" Int Csg	7.000

KB ELEV. 6168'
 GL ELEV. 6154'



SECTION DETAILS

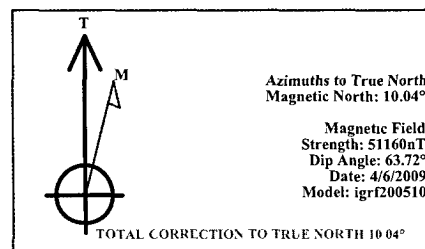
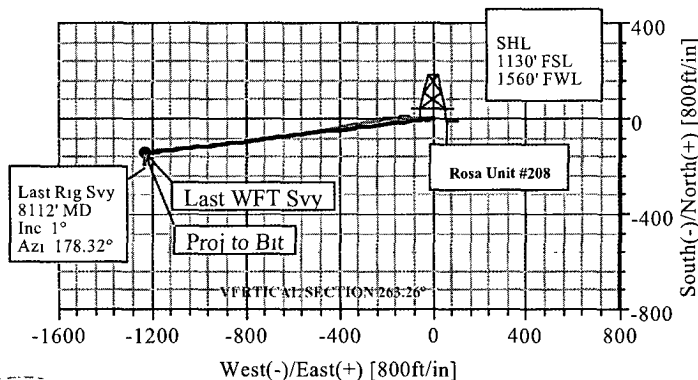
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	263.26	0.00	0.00	0.00	0.00	0.00	0.00	
2	400.00	0.00	263.26	400.00	0.00	0.00	0.00	0.00	0.00	
3	1374.77	38.99	263.26	1301.25	-37.42	-316.87	4.00	263.26	319.07	
4	1824.09	38.99	263.26	1650.49	-70.58	-597.63	0.00	0.00	601.78	
5	3773.63	0.00	263.26	3453.00	-145.42	-1231.36	2.00	180.00	1239.92	Int Csg Pt
6	8138.63	0.00	263.26	7818.00	-145.42	-1231.36	0.00	263.26	1239.92	P2

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#25C	0.00	0.00	2147451.34	1288411.79	36°53'43.548N	107°27'13.752W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Int. Csg Pt.	3453.00	-145.42	-1231.36	36°53'42.110N	107°27'28.910W	Point
P2	7818.00	-145.42	-1231.36	36°53'42.110N	107°27'28.910W	Point



FIELD DETAILS

RIO ARriba CO NM (NAD 83)

Geodetic System US State Plane Coordinate System 1983
 Ellipsoid GRS 1980
 Zone New Mexico, Central Zone
 Magnetic Model igrf200510

System Datum Mean Sea Level
 Local North True North

SITE DETAILS

Rosa Unit #25C
 1130' FSL 1560' FWL of SEC 15 T 31N R 6W
 Site Centre Latitude 36°53'43.548N
 Longitude 107°27'13.752W
 Ground Level 6154.00
 Positional Uncertainty 0.00
 Convergence 0.23

FORMATION TOP DETAILS

No	TVDPath	MDPath	Formation
1	2183.00	2457.85	Ojo Alamo Ss
2	2303.00	2590.26	Kirtland Sh
3	2733.00	3045.82	Fruitland Fm
4	2978.00	3296.42	Pictured Cliffs Ss
5	3273.00	3593.51	Lewis Sh
6	4853.00	5173.63	Cliff House Ss Trans
7	5168.00	5488.63	Cliff House Ss
8	5208.00	5528.63	Menece Fm
9	5463.00	5783.63	Point Lookout Ss
10	5803.00	6123.63	Mancos Sh
11	6773.00	7093.63	Gallup Ss
12	7493.00	7813.63	Greenhorn Ls
13	7553.00	7873.63	Graneros Sh
14	7688.00	8008.63	Dakota Ss



Weatherford

Plan Plan #2 (#25C/1)

Created By: Lindsey Maddux

Date: 10/5/2009



Weatherford International, Inc.

Survey Report



Weatherford

Company: WILLIAMS PRODUCTION	Date: 10/5/2009	Time: 10:57:28	Page: 1
Field: RIO ARRIBA CO. NM (NAD 83)	Co-ordinate(NE) Reference: Well: #25C, True North		
Site: Rosa Unit #25C	Vertical (TVD) Reference: SITE 6168.0		
Well: #25C	Section (VS) Reference: Well (0.00N,0.00E,263.26Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: RIO ARRIBA CO. NM (NAD 83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf200510

Site: Rosa Unit #25C

1130' FSL 1560' FWL of SEC 15 T 31N R 6W

Site Position:	Northing: 2147451.34 ft	Latitude: 36 53 43.548 N
From: Geographic	Easting: 1288411.79 ft	Longitude: 107 27 13.752 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6154.00 ft		Grid Convergence: 0.23 deg

Well: #25C

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 2147451.34 ft	Latitude: 36 53 43.548 N
+E/-W 0.00 ft	Easting: 1288411.79 ft	Longitude: 107 27 13.752 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 6168.00 ft	Drilled From: Surface
Magnetic Data: 4/6/2009		Tie-on Depth: 0.00 ft
Field Strength: 51160 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 10.04 deg
ft	+N/-S ft	Mag Dip Angle: 63.72 deg
		+E/-W ft
		Direction deg
0.00	0.00	0.00 263.26

Survey: WFT SVY

Start Date: 9/18/2009

Company: Weatherford International, Inc
Tool: MWD, MWD - Standard

Engineer: 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
454.00	2.44	245.04	453.86	-4.08	-8.76	9.18	0.54	0.54	0.00	MWD
485.00	3.19	257.29	484.83	-4.55	-10.20	10.67	3.09	2.42	39.52	MWD
515.00	4.00	264.79	514.77	-4.83	-12.06	12.54	3.12	2.70	25.00	MWD
546.00	4.88	267.00	545.67	-4.99	-14.45	14.94	2.89	2.84	7.13	MWD
577.00	5.56	266.92	576.54	-5.14	-17.27	17.75	2.19	2.19	-0.26	MWD
607.00	6.81	267.64	606.37	-5.29	-20.50	20.98	4.17	4.17	2.40	MWD
669.00	9.69	282.17	667.73	-4.34	-29.27	29.58	5.70	4.65	23.44	MWD
731.00	12.88	277.17	728.52	-2.38	-41.23	41.23	5.38	5.15	-8.06	MWD
762.00	14.38	277.42	758.65	-1.45	-48.48	48.31	4.84	4.84	0.81	MWD
793.00	15.81	278.42	788.58	-0.34	-56.47	56.12	4.69	4.61	3.23	MWD
823.00	17.31	277.79	817.33	0.87	-64.94	64.39	5.04	5.00	-2.10	MWD
852.00	18.52	277.12	844.93	2.02	-73.78	73.04	4.23	4.17	-2.31	MWD
915.00	21.69	274.17	904.08	4.11	-95.33	94.19	5.28	5.03	-4.68	MWD
947.00	23.44	272.15	933.63	4.78	-107.59	106.28	5.98	5.47	-6.31	MWD
977.00	24.88	269.92	961.00	4.99	-119.86	118.45	5.68	4.80	-7.43	MWD
1009.00	26.50	267.67	989.84	4.69	-133.73	132.25	5.91	5.06	-7.03	MWD
1040.00	27.94	266.04	1017.41	3.91	-147.89	146.40	5.23	4.65	-5.26	MWD
1071.00	28.88	263.92	1044.67	2.62	-162.58	161.15	4.45	3.03	-6.84	MWD
1102.00	29.75	262.50	1071.70	0.82	-177.65	176.32	3.59	2.81	-4.58	MWD
1134.00	30.81	261.63	1099.34	-1.41	-193.63	192.45	3.58	3.31	-2.72	MWD
1165.00	31.75	261.25	1125.83	-3.81	-209.54	208.54	3.10	3.03	-1.23	MWD
1196.00	32.75	260.88	1152.05	-6.38	-225.88	225.07	3.29	3.23	-1.19	MWD
1227.00	33.75	260.13	1177.97	-9.18	-242.65	242.05	3.49	3.23	-2.42	MWD



Weatherford International, Inc.

Survey Report



Weatherford

Company: WILLIAMS PRODUCTION Date: 10/5/2009 Time: 10:57:28 Page: 2
 Field: RIO ARRIBA CO. NM (NAD 83) Co-ordinate(NE) Reference: Well: #25C, True North
 Site: Rosa Unit #25C Vertical (TVD) Reference: SITE 6168.0
 Well: #25C Section (VS) Reference: Well (0.00N,0.00E,263.26Azi)
 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
1321.00	35.75	260.25	1255.20	-18.31	-295.44	295.55	2.13	2.13	0.13	MWD
1352.00	36.00	259.13	1280.32	-21.56	-313.31	313.68	2.27	0.81	-3.61	MWD
1384.00	36.13	259.00	1306.19	-25.13	-331.81	332.47	0.47	0.41	-0.41	MWD
1446.00	37.19	258.42	1355.93	-32.38	-368.11	369.37	1.80	1.71	-0.94	MWD
1477.00	37.88	257.67	1380.51	-36.30	-386.59	388.17	2.67	2.23	-2.42	MWD
1509.00	38.25	257.67	1405.70	-40.51	-405.86	407.81	1.16	1.16	0.00	MWD
1541.00	37.88	259.17	1430.90	-44.47	-425.19	427.47	3.11	-1.16	4.69	MWD
1571.00	38.06	259.79	1454.55	-47.84	-443.33	445.88	1.41	0.60	2.07	MWD
1603.00	37.81	262.29	1479.79	-50.91	-462.76	465.54	4.87	-0.78	7.81	MWD
1634.00	37.69	262.42	1504.30	-53.43	-481.57	484.52	0.46	-0.39	0.42	MWD
1666.00	37.63	262.79	1529.63	-55.95	-500.96	504.07	0.73	-0.19	1.16	MWD
1698.00	37.81	263.42	1554.94	-58.30	-520.40	523.64	1.33	0.56	1.97	MWD
1729.00	37.81	262.67	1579.44	-60.60	-539.26	542.65	1.48	0.00	-2.42	MWD
1761.00	37.56	262.17	1604.76	-63.18	-558.65	562.21	1.23	-0.78	-1.56	MWD
1792.00	37.50	262.42	1629.34	-65.71	-577.37	581.09	0.53	-0.19	0.81	MWD
1824.00	37.75	261.92	1654.69	-68.37	-596.72	600.62	1.23	0.78	-1.56	MWD
1856.00	36.75	262.04	1680.16	-71.07	-615.90	619.98	3.13	-3.12	0.37	MWD
1887.00	36.94	262.29	1704.97	-73.61	-634.32	638.57	0.78	0.61	0.81	MWD
1950.00	37.00	262.92	1755.30	-78.49	-671.89	676.46	0.61	0.10	1.00	MWD
1981.00	37.11	262.92	1780.04	-80.79	-690.43	695.14	0.35	0.35	0.00	MWD
2013.00	37.31	262.92	1805.53	-83.17	-709.63	714.49	0.62	0.62	0.00	MWD
2044.00	35.91	262.80	1830.41	-85.47	-727.97	732.97	4.52	-4.52	-0.39	MWD
2075.00	35.00	262.54	1855.66	-87.76	-745.81	750.95	2.98	-2.94	-0.84	MWD
2107.00	34.75	262.42	1881.92	-90.16	-763.95	769.25	0.81	-0.78	-0.37	MWD
2138.00	33.94	262.92	1907.51	-92.39	-781.29	786.74	2.77	-2.61	1.61	MWD
2170.00	33.31	262.79	1934.16	-94.59	-798.88	804.46	1.98	-1.97	-0.41	MWD
2202.00	32.56	263.29	1961.01	-96.70	-816.15	821.85	2.49	-2.34	1.56	MWD
2233.00	31.81	263.42	1987.25	-98.61	-832.55	838.37	2.43	-2.42	0.42	MWD
2265.00	30.38	263.29	2014.65	-100.53	-848.96	854.89	4.47	-4.47	-0.41	MWD
2297.00	29.06	263.04	2042.44	-102.41	-864.71	870.76	4.14	-4.12	-0.78	MWD
2329.00	28.31	262.29	2070.51	-104.37	-879.95	886.12	2.60	-2.34	-2.34	MWD
2392.00	25.56	263.29	2126.67	-107.97	-908.25	914.65	4.42	-4.37	1.59	MWD
2424.00	24.63	263.92	2155.65	-109.48	-921.74	928.22	3.02	-2.91	1.97	MWD
2455.00	24.63	264.29	2183.83	-110.81	-934.59	941.14	0.50	0.00	1.19	MWD
2486.00	23.75	263.29	2212.11	-112.18	-947.22	953.84	3.13	-2.84	-3.23	MWD
2518.00	23.75	264.54	2241.40	-113.54	-960.03	966.73	1.57	0.00	3.91	MWD
2549.00	24.06	263.67	2269.74	-114.84	-972.53	979.29	1.51	1.00	-2.81	MWD
2580.00	24.19	264.79	2298.03	-116.11	-985.14	991.95	1.54	0.42	3.61	MWD
2611.00	24.56	264.29	2326.27	-117.33	-997.87	1004.74	1.37	1.19	-1.61	MWD
2643.00	24.44	264.42	2355.39	-118.63	-1011.08	1018.01	0.41	-0.37	0.41	MWD
2674.00	24.81	264.42	2383.57	-119.89	-1023.93	1030.93	1.19	1.19	0.00	MWD
2705.00	25.06	264.29	2411.68	-121.17	-1036.94	1043.99	0.83	0.81	-0.42	MWD
2737.00	24.00	263.54	2440.79	-122.58	-1050.15	1057.28	3.45	-3.31	-2.34	MWD
2768.00	23.19	263.29	2469.20	-124.00	-1062.48	1069.69	2.63	-2.61	-0.81	MWD
2800.00	22.50	263.17	2498.69	-125.47	-1074.81	1082.11	2.16	-2.16	-0.37	MWD
2833.00	22.13	262.54	2529.22	-127.02	-1087.25	1094.64	1.34	-1.12	-1.91	MWD
2864.00	21.00	262.04	2558.05	-128.55	-1098.54	1106.03	3.69	-3.65	-1.61	MWD
2896.00	19.88	262.29	2588.03	-130.08	-1109.61	1117.20	3.51	-3.50	0.78	MWD
2927.00	18.63	263.79	2617.30	-131.32	-1119.75	1127.43	4.34	-4.03	4.84	MWD
2959.00	17.25	265.42	2647.74	-132.25	-1129.56	1137.28	4.59	-4.31	5.09	MWD
2990.00	15.69	266.92	2677.47	-132.84	-1138.33	1146.06	5.22	-5.03	4.84	MWD
3022.00	14.25	267.29	2708.38	-133.26	-1146.59	1154.30	4.51	-4.50	1.16	MWD
3054.00	13.00	265.42	2739.48	-133.74	-1154.11	1161.83	4.14	-3.91	-5.84	MWD



Weatherford International, Inc.

Survey Report

**Weatherford**

Company: WILLIAMS PRODUCTION Date: 10/5/2009 Time: 10:57:28 Page: 3
Field: RIO ARriba CO. NM (NAD 83) Co-ordinate(NE) Reference: Well: #25C, True North
Site: Rosa Unit #25C Vertical (TVD) Reference: SITE 6168.0
Well: #25C Section (VS) Reference: Well (0.00N,0.00E,263.26Azi)
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
3086.00	11.63	259.42	2770.75	-134.61	-1160.87	1168.64	5.85	-4.28	-18.75	MWD
3117.00	11.06	262.29	2801.14	-135.59	-1166.89	1174.74	2.59	-1.84	9.26	MWD
3148.00	10.88	262.92	2831.57	-136.35	-1172.74	1180.63	0.70	-0.58	2.03	MWD
3180.00	10.56	262.54	2863.01	-137.10	-1178.64	1186.59	1.02	-1.00	-1.19	MWD
3211.00	10.50	263.92	2893.49	-137.77	-1184.27	1192.25	0.84	-0.19	4.45	MWD
3242.00	10.13	263.92	2923.99	-138.36	-1189.79	1197.80	1.19	-1.19	0.00	MWD
3273.00	9.50	261.92	2954.54	-139.00	-1195.03	1203.09	2.31	-2.03	-6.45	MWD
3304.00	8.25	262.92	2985.17	-139.64	-1199.77	1207.87	4.06	-4.03	3.23	MWD
3335.00	7.44	263.67	3015.88	-140.13	-1203.97	1212.10	2.63	-2.61	2.42	MWD
3366.00	7.45	265.23	3046.61	-140.52	-1207.97	1216.11	0.65	0.03	5.03	MWD
3398.00	6.63	266.29	3078.37	-140.81	-1211.88	1220.03	2.59	-2.56	3.31	MWD
3429.00	6.06	268.42	3109.18	-140.97	-1215.30	1223.45	1.99	-1.84	6.87	MWD
3460.00	5.19	269.42	3140.03	-141.03	-1218.34	1226.47	2.82	-2.81	3.23	MWD
3492.00	4.25	262.29	3171.92	-141.21	-1220.96	1229.10	3.46	-2.94	-22.28	MWD
3524.00	3.75	248.79	3203.85	-141.75	-1223.11	1231.30	3.32	-1.56	-42.19	MWD
3555.00	4.00	244.79	3234.78	-142.57	-1225.04	1233.30	1.19	0.81	-12.90	MWD
3587.00	3.69	242.04	3266.70	-143.53	-1226.96	1235.32	1.13	-0.97	-8.59	MWD
3618.00	3.50	248.29	3297.64	-144.35	-1228.72	1237.17	1.40	-0.61	20.16	MWD
3649.00	2.90	250.17	3328.60	-144.96	-1230.33	1238.84	1.96	-1.94	6.06	MWD
3681.00	1.63	249.04	3360.57	-145.40	-1231.52	1240.07	3.97	-3.97	-3.53	MWD
3713.00	0.63	223.79	3392.56	-145.69	-1232.07	1240.65	3.42	-3.12	-78.91	MWD
3757.00	0.33	178.32	3436.56	-145.99	-1232.23	1240.85	1.05	-0.68	-103.34	Last WFT Svy
3810.00	0.33	178.32	3489.56	-146.30	-1232.22	1240.88	0.00	0.00	0.00	Proj to Bit
8112.00	1.00	178.32	7791.25	-196.21	-1230.76	1245.28	0.02	0.02	0.00	Last Rig Svy

Annotation

MD ft	TVD ft	
3757.00	3436.56	Last WFT Svy
3810.00	3489.56	Proj to Bit
8112.00	7791.25	Last Rig Svy