

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.

RECEIVED

SUBMIT IN TRIPLICATE

NOV 05 2009

- | | | | | |
|----|--|--|-----|--|
| 1. | Type of Well
Oil Well Gas Well ☒ Other ☐ | Bureau of Land Management
Farmington Field Office | 8. | Well Name and No.
Rosa Unit 035D |
| 2. | Name of Operator
WILLIAMS PRODUCTION COMPANY | | 9. | API Well No.
30-045-34989 |
| 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)
1020' FSL & 705' FEL
1281' FSL & 320' FEL / SEC 5 31N 6W | | 11. | County or Parish, State
San Juan 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
		Plugging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
	Final Abandonment	Altering Casing	Conversion to Injection
		X Other <u>Completion</u>	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.)*

8-31-09 – MIRU AWS #880 – Pressure 5-1/2" production casing to 1500 psi for 30 minutes with 30 psi leak off. Run CBL, TOC @ 5610'.

9-1-09 – DO cement and FC to PBTD @ 8007'.

9-2-09 – RDMO AWS #880.

9-21-09 – Rigless – Perf Dakota, 7847'-7989', with 84, 0.34" holes. Frac Dakota with 4600# 100 mesh BASF followed with 99,900# 40/70 BASF. Set Flo-thru BP @ 7500'. Perf lower Mancos, 7078'-7382', with 66, 0.34" holes.

9-22-09 – Frac lower Mancos with 565# 100 mesh BASF followed with 100,046# 40/70 BASF. Set Flo-thru BP @ 7040'. Perf upper Mancos 6837-7008' with 63, 0.34" holes. Frac upper Mancos with 4803# 100 mesh BASF followed with 105,019# 40/70 BASF.

REC'D NOV 13 '09
OIL CONS. DIV.
DIST. 2

UPPER MANCOS-6837-7008
 NOV 09 2009
 FARMINGTON FIELD OFFICE
 BY T. Saliers

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

Signed Heather Riley
Heather Riley

Title Regulatory Specialist Date 11/5/09

(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.

NMOC *JD*

Rosa Unit #35D – Page 2

10-7-09 – Rigless – Set CBP @ 6150'. Perf Mesaverde formation 5910'-6001' & 5636'-5680' and start DFIT test.

10-8-09 – MIRU AWS #880 to complete DFIT, squeeze and Mesaverde completion.

10-12-09 – Set CBP @ 5594'. Perf 3, 0.34" squeeze hole @ 5560'. Set cement retainer @ 5520'. Pump 100 sx Fracem 13,1# followed with 100 sx HALCEM 15.6#.

10-14-09 – Run CBL from 5484'-2500', TOC @ 2850'. DO cement & retainer @ 5520'. DO CBP @ 5594'.

10-15-09 – Perf lower Mesaverde, 5636'-6001' with 71, 0.34" holes

10-21-09 – Frac lower Mesaverde with 80,130# 20/40 mesh BASF. Set Flo-thru BP @ 5592'. Perf upper Mesaverde. 5278'-5575', with 61, 0.34" holes. Frac upper Mesaverde with 92,384# 20/40 mesh BASF.

10-23-09 – DO Flo-thru BP @ 5592'.

10-28-09 – DO CBP @ 6150'.

10-31-09 – DO Flo-thru BP @ 7040'. DO Flo-thru BP @ 7500'.

11-1-09 – FLOW TEST: Duration = 2 hrs, test method = choke, tubing pressure = 0, csg pressure = 650 psi, choke size = 16/64, mcf/d = 973, gas type = wet, gas disposition = non flaring.

11-3-09 – Land 2 3/8" 4.7# mixed string eue tbg as follows top down w/ KB corr: tbg hgr, 118 jts N-80, 129 jts J-55, 1.78" F-Npl @ 7892', 1 jt J-55, 1/2 muleshoe @ 7925'.

ROSA UNIT #35D
BLANCO MV / BASIN MC / BASIN DK

Spud: 08/01/09

Completed: 11/3/09

Surface Location:

1020' FSL and 705' FEL
 SE/4 SE/4 Sec 5 (P), T31N, R06W
 San Juan, NM

Bottom Hole Location:

1281' FSL and 320' FEL
 SE/4 SE/4 Sec 5 (P), T31N, R06W
 San Juan, NM

Elevation: 6332' GR

API # 30-045-34989

Top	MD Depth	TVD Depth
Lewis	3420'	3385'
Cliffhouse Ss.	5322'	5287'
Point Lookout	5636'	5601'
Mancos	6052'	6017'
Graneros	7713'	7676'
Dakota	7844'	7805'

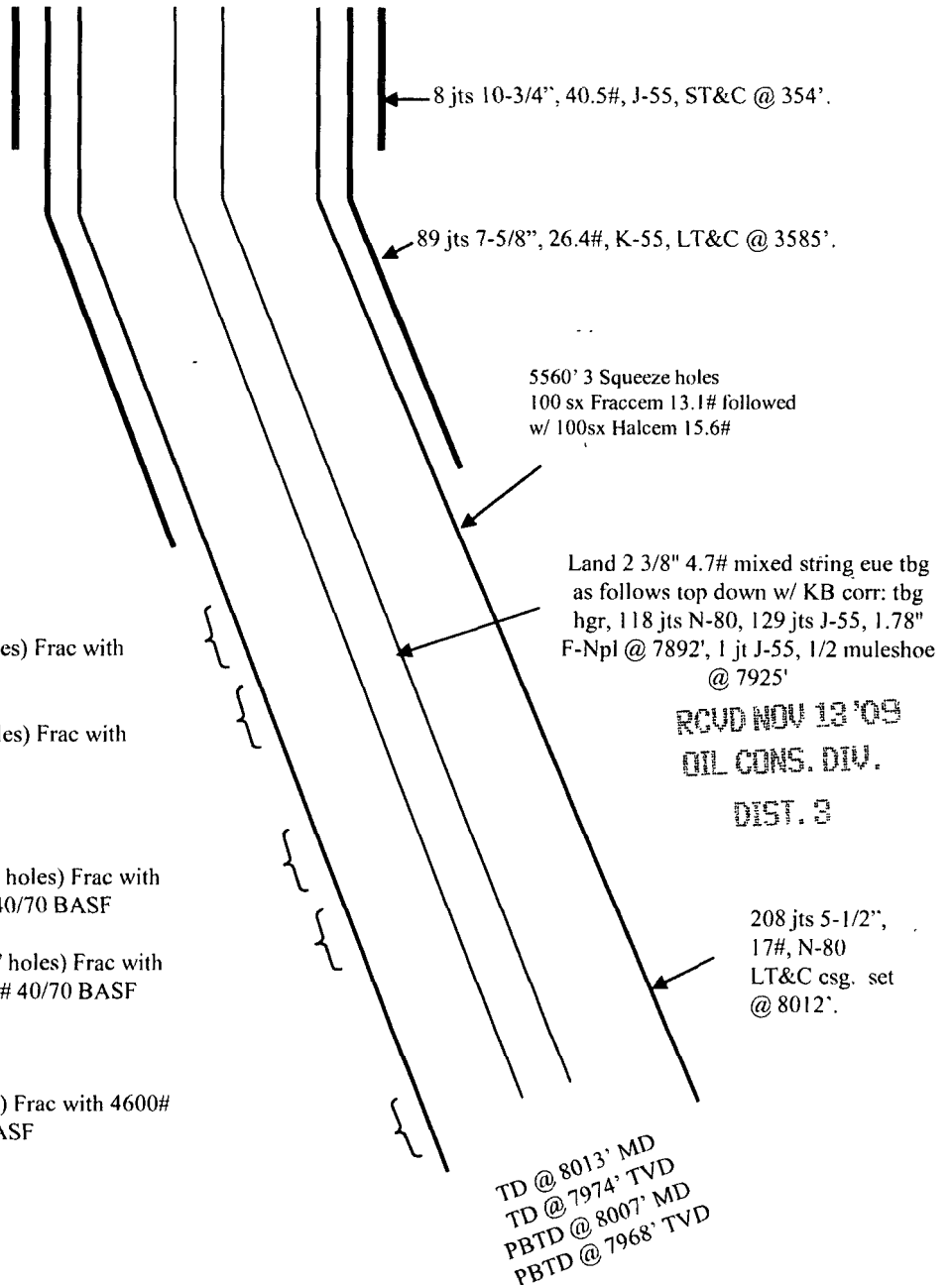
Upper MV: 5278'-5575' (61, 0.34" holes) Frac with
 92,384# 20/40 mesh BASF

Lower MV: 5636'-6001' (71, 0.34" holes) Frac with
 80,130# 20/40 mesh BASF

Upper Mancos: 6837'-7008' (63, 0.34" holes) Frac with
 4803# 100 mesh followed w/105,019# 40/70 BASF

Lower Mancos: 7078'-7382' (66, 0.34" holes) Frac with
 5654# 100 mesh followed with 100,046# 40/70 BASF

Dakota: 7847' - 7989' (84, 0.34" holes) Frac with 4600#
 100 mesh followed w/99,900# 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#	555 sxs	1360 cu.ft.	Surface
6-3/4"	5-1/2", 17#	360 sxs	503 cu.ft.	2850' CBL



ROSA UNIT #35D
SAN JUAN CO., NEW MEXICO
API# 30-045-34989

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7117.00	0.88	84.88	7081.37	197.88	391.45	0.00	0.00	438.30	
2	7490.00	0.88	84.88	7454.33	198.39	397.15	0.00	0.00	443.70	
3	7697.05	6.00	345.00	7661.00	209.00	395.94	3.00	252.13	447.01	
4	8025.85	6.00	345.00	7988.00	242.19	387.04	0.00	0.00	452.76	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#35D	0.00	0.00	2155896.30	2826496.34	36°55'26.760N	107°28'46.520W	N/A

Proj. to Bit Survey: WFT ST02 SVY (#35D/ST-02)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
28	8013.00	5.28	16.70	7974.43	260.50	385.32	0.00	0.00	458.82

LEGEND

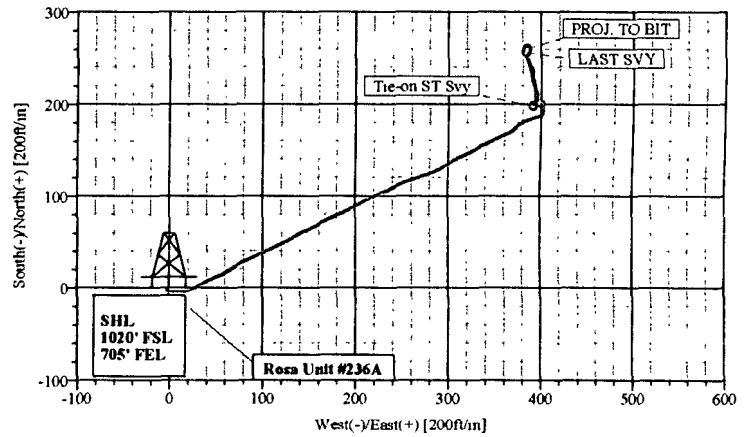
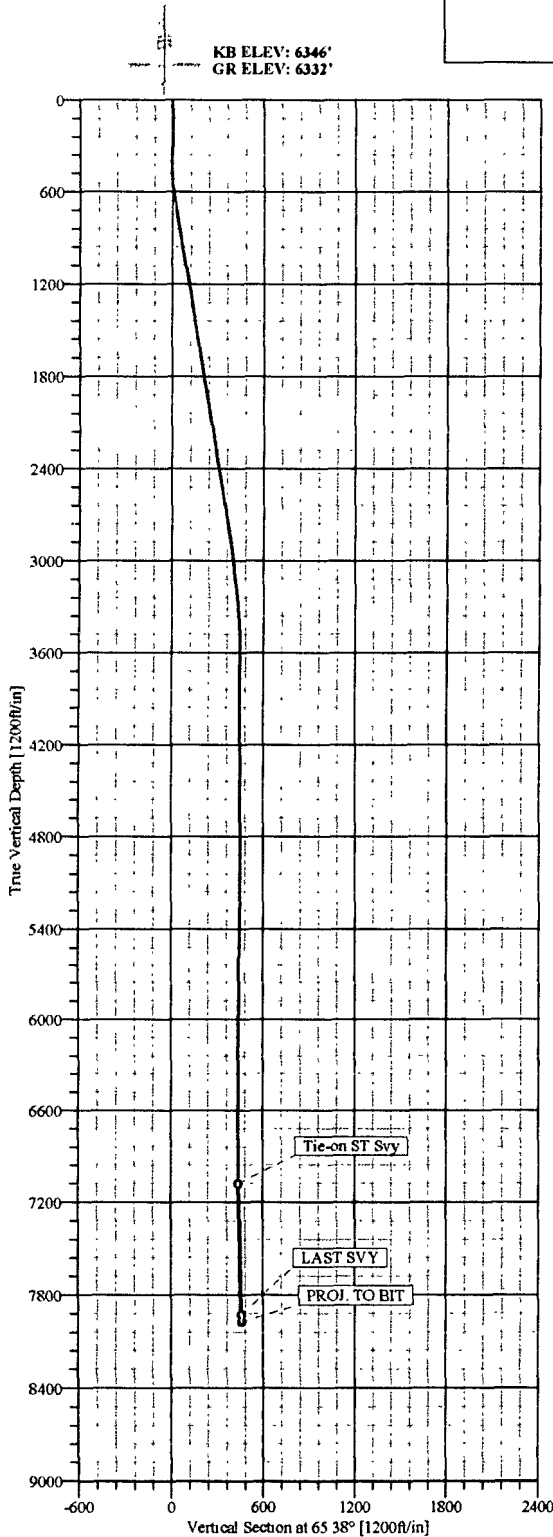
— #35D, ST-02, Plan #1
— WFT ST02 SVY



Azimuths to True North
Magnetic North: 10.01°

Magnetic Field
Strength: 51138nT
Dip Angle: 63.73°
Date: 8/21/2009
Model: Igrf200510

Total Correction to True North: 10.01°



Weatherford

Survey WFT ST02 SVY (#35D/ST-02)

Created By Jayne Wilson

Date: 8/27/2009



Weatherford International Ltd.

SURVEY REPORT



Weatherford

Company: WILLIAMS PRODUCTION	Date: 8/27/2009	Time: 16:54:22	Page: 1
Field: SAN JUAN CO. NM (NAD83)	Co-ordinate(NE) Reference: Well: #35D, True North		
Site: Rosa Unit #35D	Vertical (TVD) Reference: SITE 6346.0		
Well: #35D	Section (VS) Reference: Well (0.00N,0.00E,65.38Azi)		
Wellpath: ST-02	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: WFT ST02 SVY	Start Date: 8/24/2009
Company: Weatherford International Ltd.	Engineer: Jayme Wilson
Tool: MWD,MWD - Standard	Tied-to: From: WFT ST01 SVY

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 #35D

1020' FSL 705' FEL of SEC 5 T31N R6W

Site Position:	Northing: 2155896.30 ft	Latitude: 36 55 26.760 N
From: Geographic	Easting: 2826496.34 ft	Longitude: 107 28 46.520 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6332.00 ft		Grid Convergence: 0.21 deg

Well: #35D

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 2155896.30 ft	Latitude: 36 55 26.760 N
+E/-W 0.00 ft	Easting: 2826496.34 ft	Longitude: 107 28 46.520 W
Position Uncertainty: 0.00 ft		

Wellpath: ST-02

Drilled From: 1

Current Datum: SITE	Height 6346.00 ft	Tie-on Depth: 7117.00 ft
Magnetic Data: 8/21/2009		Above System Datum: Mean Sea Level
Field Strength: 51138 nT		Declination: 10.01 deg
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 63.73 deg
ft	ft	ft
0.00	0.00	0.00
		65.38

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
7117.00	0.88	84.88	7081.37	197.88	391.45	438.30	0.00	0.00	0.00	Tie-on ST Svy
7233.00	1.04	73.85	7197.36	198.25	393.35	440.18	0.21	0.14	-9.51	
7255.00	1.31	52.38	7219.35	198.46	393.74	440.62	2.33	1.23	-97.59	
7287.00	2.13	20.00	7251.34	199.24	394.23	441.40	3.88	2.56	-101.19	
7302.00	2.94	8.00	7266.32	199.89	394.38	441.80	6.43	5.40	-80.00	
7318.00	4.13	357.88	7282.29	200.87	394.41	442.24	8.37	7.44	-63.25	
7349.00	5.38	354.75	7313.19	203.43	394.24	443.15	4.12	4.03	-10.10	
7381.00	5.63	359.88	7345.04	206.50	394.10	444.30	1.72	0.78	16.03	
7411.00	5.63	0.75	7374.89	209.44	394.12	445.54	0.28	0.00	2.90	
7442.00	5.06	358.38	7405.76	212.33	394.10	446.73	1.97	-1.84	-7.65	
7472.00	4.94	358.50	7435.64	214.94	394.03	447.75	0.40	-0.40	0.40	
7503.00	5.25	348.63	7466.52	217.66	393.71	448.60	2.99	1.00	-31.84	
7534.00	5.63	336.25	7497.38	220.45	392.82	448.95	3.97	1.23	-39.94	
7564.00	5.50	336.25	7527.24	223.11	391.65	448.99	0.43	-0.43	0.00	
7595.00	5.18	343.65	7558.11	225.81	390.66	449.22	2.45	-1.03	23.87	
7626.00	5.44	358.63	7588.98	228.62	390.23	450.00	4.54	0.84	48.32	
7657.00	5.38	10.38	7619.84	231.52	390.45	451.41	3.57	-0.19	37.90	
7688.00	3.88	9.38	7650.74	233.99	390.89	452.83	4.85	-4.84	-3.23	
7719.00	2.63	351.88	7681.69	235.73	390.96	453.62	5.11	-4.03	-56.45	
7750.00	3.63	323.63	7712.64	237.22	390.27	453.62	5.84	3.23	-91.13	
7782.00	4.19	328.25	7744.57	239.03	389.06	453.27	2.01	1.75	14.44	
7811.00	4.88	335.13	7773.48	241.05	387.98	453.14	3.03	2.38	23.72	
7843.00	5.63	338.13	7805.34	243.74	386.82	453.21	2.50	2.34	9.37	
7874.00	6.75	334.63	7836.16	246.80	385.48	453.26	3.81	3.61	-11.29	



Weatherford International Ltd.

SURVEY REPORT



Weatherford

Company: WILLIAMS PRODUCTION	Date: 8/27/2009	Time: 16:54:22	Page: 2
Field: SAN JUAN CO. NM (NAD83)	Co-ordinate(NE) Reference:	Well: #35D, True North	
Site: Rosa Unit #35D	Vertical (TVD) Reference:	SITE 6346.0	
Well: #35D	Section (VS) Reference:	Well (0.00N,0.00E,65.38Azi)	
Wellpath: ST-02	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
7905.00	6.56	345.13	7866.95	250.16	384.24	453.53	3.97	-0.61	33.87	
7937.00	5.94	358.50	7898.76	253.58	383.73	454.49	4.93	-1.94	41.78	
7966.00	5.28	16.70	7927.63	256.36	384.07	455.96	6.51	-2.28	62.76	LAST SVY
8013.00	5.28	16.70	7974.43	260.50	385.32	458.82	0.00	0.00	0.00	PROJ. TO BIT

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7117.00	7081.37	Tie-on ST Svy
7966.00	7927.63	LAST SVY
8013.00	7974.43	PROJ. TO BIT