

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 10040135  
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

RECEIVED

070 FARMINGTON NM

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	8. Well Name and No. Rosa Unit #156B
2. Name of Operator WILLIAMS PRODUCTION COMPANY, LLC	9. API Well No. 30-045-32745
3. Address and Telephone No. PO BOX 316 Ignacio, Colorado 81137- (970)563-3308	10. Field and Pool, or Exploratory Area Blanco Mesa Verde
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1660 FSL & 2625 FEL, Sec 9, T31N, R6W	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
<input checked="" type="checkbox"/> Notice of Intent <i>After-the-Fact</i>	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	<input checked="" type="checkbox"/> Other <i>see below</i>
	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.)\*

Due to change in partner participation Williams Production Company, LLC wishes to drill this well as a stand alone Mesa Verde as per the attached drilling plan.

- Prior authorization is required to alter the total depth, hole sizes, casing sizes, & cement slurries. This is a violation of CFR 3162.3-2. If such a violation occurs in the future, an assesment may be issued as penalty.

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

Signed Larry Higgins  
Larry Higgins

Title Drilling C.O.M.

Date 7-6-05

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

ACCEPTED FOR RECORD

JUL 08 2005

FARMINGTON FIELD OFFICE  
BY cds

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



## WILLIAMS PRODUCTION COMPANY

### Drilling Plan

(Note: This procedure will be adjusted on site based upon actual conditions)

<b><u>DATE:</u></b>	5/13/2005	<b><u>FIELD:</u></b>	Blanco MV
<b><u>WELL NAME:</u></b>	Rosa #156-B	<b><u>SURFACE:</u></b>	Federal
<b><u>LOCATION:</u></b>	NW/4 SE/4 Sec 9-31N-6W San Juan, NM	<b><u>MINERALS:</u></b>	Federal
<b><u>ELEVATION:</u></b>	6,386 ft. GL	<b><u>LEASE #</u></b>	SF-078765
<b><u>MEASURED DEPTH:</u></b>	6,123 ft. (MD)	<b><u>API#:</u></b>	30-045-32745

**I. GEOLOGY:** Surface formation - San Jose

**A. FORMATION TOPS: ( KB)**

	<u>MD</u>		<u>MD</u>
Ojo Alamo	2,373'	Int. Csg Depth	3,675'
Kirtland	2,483'	Cliff House	5,408'
Fruitland	2,998'	Menefee	5,453'
Pictured Cliffs	3,203'	Point Lookout	5,673'
Lewis Sh	3,493'	Mancos sh	5,978'
		Total Depth	6,123' (MD)

**B. LOGGING PROGRAM: NONE**

**C. NATURAL GAUGES:** Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

**II. DRILLING**

**A. MUD PROGRAM:** Use Water w/ Gel sweeps and LSND mud (+/-40 Vis.) to drill 8-3.4 in. Intermediate Hole. Increase vis to +/-50 to run Casing. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses. Use air w/Air Hammer to drill out 7 in. csg. and to TD well.

**B. BOP TESTING:** While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the BOPE will be tested to **250 psi (Low) for 5 minutes** and **1500 psi (High) for 10 minutes**. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. The surface casing will be pressure tested to **1500 psi for 30 minutes** after the BOPE test before drilling out cement. The drum brakes will be inspected and tested each tour. **All tests, inspections and SPR's will be recorded in the tour book as to time and results.**

### III. MATERIALS

#### A. CASING PROGRAM:

<u>CASING TYPE</u>	<u>HOLE SIZE</u>	<u>DEPTH (MD)</u>	<u>CASING SIZE</u>	<u>WT. &amp; GRADE</u>
Surface	12-1/4"	+500'	9-5/8"	36# K-55
Intermediate	8-3/4"	3,675'	7"	20# K-55
Prod. Liner	6-1/4"	3,500'-TD	4-1/2"	10.5# K-55

#### B. FLOAT EQUIPMENT:

1. SURFACE CASING: 9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing. Install a Bakelite Insert Float in top of the bottom joint of casing.
2. INTERMEDIATE CASING: 7" cement nose guide shoe with a self-fill insert float. Place Insert float one joint above the shoe. Install (1) Turbulent centralizer on each of the bottom (3) joints. Run (1) Turbulent centralizer at 2,700 ft., 2,500 ft., 2,300ft. 2,000ft., 1,500 ft., and 1,000 ft. (NTL-FRA 90-1). ( Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package. )
3. PRODUCTION CASING: 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20ft. bottom joint. Place marker joint above 5630'. Place one turbolizer every third joint thru Mesa Verde interval. ). ( Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package. )

#### C. CEMENTING:

*(Note: Volumes may be adjusted onsite due to actual conditions)*

1. SURFACE: Slurry: 150sx (205 cu.ft.) of "Type III" + 2% CaCl<sub>2</sub> + 1/4 # of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). The 100% excess should circulate cement to the surface. WOC 12 hours. Test csg to 1500psi.
2. INTERMEDIATE: Lead - 450 sx (940 cu.ft.) of "Type III" 65/35 poz with 8% gel, 1% CaCl<sub>2</sub>, 4% Phenoseal and 1/4# cello-flake/sk (Yield = 2.11 cu.ft./sk, Weight = 12.1 #/gal.). Tail - 50 sx (70cu.ft.) of "Type III" with 1/4# cello-flake/sk, and 1% CaCl<sub>2</sub> (Yield = 1.4 cu.ft./sk, Weight = 14.5#/gal.). Use **100% excess in Lead Slurry** to circulate to surface. **No excess in Tail Slurry.** Total volume = 1,010 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.
3. PRODUCTION LINER: 10 bbl Gelled Water space. Lead: 50sx (129ft<sup>3</sup>) of Premium Light HS + 1% FL-52 + .2% CD-32, 3 #/sk CSE. ( Yield = 2.61 cu.ft./sk, Weight = 11.6 #/gal.). Tail: 105 sx (222 ft<sup>3</sup>) of Premium Light HS + 1% FL-52 + .2% CD-32, 3 #/sk CSE, 1/4 #/sk cello flake and 4% Phenoseal. (Yield = 2.15 ft<sup>3</sup>/sk, Weight = 12.3 #/gal.). Displace cement at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 351ft<sup>3</sup>. WOC 12 hours.