

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

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. SF-078769
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254	7. If Unit or CA, Agreement Designation ROSA UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2620' FSL & 545' FEL, NE/4 SE/4 SEC 17-T31N-R5W	8. Well Name and No. ROSA UNIT #153B
	9. API Well No. 30-039-27603
	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK
	11. County or Parish, State RIO ARRIBA, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other _____
	<input checked="" type="checkbox"/> 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 Recombination 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.)*

Williams Production Company proposes to alter our original drilling plans that were approved on 4/22/04. We are changing our 5 1/2" csg point from 8137' (est) to 7840' (est). We are also changing our TD from 8137' (est) to 8200' (est). Attached is an updated drilling plan for this well. We plan to spud this well within the next 30 days.

RECEIVED
TO FARMINGTON NM
SEP 30 6M 10 20

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date September 29, 2004

(This space for Federal or State office use)

Approved by

[Signature]

Title

Petr. Eng

Date

10/2/04

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



WILLIAMS PRODUCTION COMPANY

Drilling Plan

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

<u>DATE:</u>	9/10/04	<u>FIELD:</u>	Blanco MV/ Basin DK
<u>WELL NAME:</u>	Rosa # 153-B	<u>SURFACE:</u>	FEDERAL
<u>BH LOCATION:</u>	NE/SE Sec 17-31N-5W Rio Arriba Co., NM	<u>MINERALS:</u>	FEDERAL
<u>ELEVATION:</u>	6,323ft. (GL)	<u>LEASE #</u>	SF-078769
<u>MEASURED DEPTH:</u>	8,280ft. (est.)	<u>API #</u>	30-039-27603

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS: (KB)

Name	MD	Name	MD
Ojo Alamo	2,532'	Point Lookout	5,642'
Kirtland	2,637'	Mancos	5,992'
Fruitland	2,947'	Gallup	6,987'
Picture Cliffs	3,167'	Greenhorn	7,712'
Lewis	3,447'	Graneros	7,767'
Int. Csg. Point	3,642'	5-1/2" csg point	7,840' est.
Cliff House	5,387'	Dakota	7,887'
Menefee	5,432'	TD	8,200' est.

B. MUD LOGGING PROGRAM: To be determined by John Bircher.

C. LOGGING PROGRAM: High Resolution Induction/ GR and Density/ Neutron logs:

Run #1: 7-5/8 in. Intermediate csg.(TD) to Surface casing shoe.

Run #2: 5-1/2 in. Intermediate csg.(TD) to 7-5/8 in. Intermediate casing shoe.

Run #3: TD to 5-1/2 in. Intermediate casing shoe. (If well conditions permit).

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

II. DRILLING

A. MUD PROGRAM: Convert to a LSND mud to drill 9-7/8" Intermediate Hole. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses. Use air w/Air Hammer from 7-5/8in. Csg. Point to 5-1/2 in. Csg point. Use Nitrogen to drill below 5-1/2in. to TD.

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 pressure is expected to be less than 1300 psi, rams will be tested to 1500 psi. The surface and intermediate casing strings will be pressure tested to 1500 psi in conjunction with the BOP 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. & GRADE</u>
Surface	14-3/4"	+ 300'	10-3/4"	40.5# H-40 / K-55
Intermediate	9-7/8"	+/-3,642'	7-5/8"	26.4# K-55
Intermediate	6-3/4"	+/-7,840'	5-1/2"	17.0# N-80
Prod. Liner	4-3/4"	+/- 8,200'	3-1/2"	9.3# N-80

B. FLOAT EQUIPMENT:

1. SURFACE CASING: 10-3/4" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing.
2. INTERMEDIATE CASING: 7-5/8" cement nose guide shoe. Place auto-fill Insert Float Valve in top of the shoe joint and five (5) turbulent centralizers, spaced every other joint, starting with the Float Joint. Place Standard Centralizers, at 120ft. intervals from 1,500ft. to the Surface Casing shoe.
2. INTERMEDIATE CASING: 5-1/2" whirler type cmt nose guide shoe. Run an auto-fill Float Valve in top of the 20ft. Float Joint. Place a 20ft. marker joint on top of 10th joint and one above 5,100'. Install one Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (3) joints into the Intermediate csg shoe.
4. PRODUCTION LINER: 3-1/2in.(will not be run if well flows naturally).

C. CEMENTING:

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

1. SURFACE: Slurry: 255sx (356 cu.ft.) of "Type III" + 2% CaCl₂ + ¼ # 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 7-5/8in.: Lead - 620 sx (1296) cu.ft.) of "Type III" 65/35 poz with 8% gel, 1% CaCl₂ and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail - 100 sx (140cu.ft.) of "Type III" with 1/4# cello-flake/sk, and 1% CaCl₂ (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 = 1,436 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.
3. INTERMEDIATE CASING 5-1/2in.: 10 bbl Gelled Water space. Scavenger: 50sx (130ft³) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake and 4% Phenoseal. (Yield = 2.59 cu.ft./sk, Weight = 11.6 #/gal.). Cement: 215 sx (462 ft³) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake and 4% Phenoseal. (Yield = 2.15 ft³/sk, Weight = 12.3 #/gal.). Displace cmt at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 462ft³. WOC 12 hours.
4. PRODUCTION LINER: 10 bbl Gelled Wtr space. Cement: 50 sx (107ft³) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake and 2% Phenoseal. (Yield = 2.15 ft³/sk, Weight = 12.3 #/gal.). Displace cmt at a minimum of 8 BPM. The 20% excess in lead should cover 100 ft into intermediate casing. Total volume 107ft³. WOC 12 hrs.

Gary C. Sizemore
Sr. Drilling Engineer