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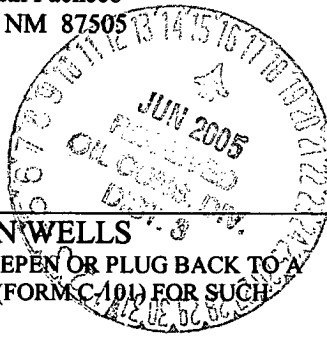
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505



WELL API NO. 30-045-32734
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 17036
7. Lease Name or Unit Agreement Name: ROSA UNIT
8. Well No. 185B
9. Pool name or Wildcat BLANCO MV/BASIN DK

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

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

WILLIAMS PRODUCTION COMPANY

3. Address of Operator

P O BOX 3102, MS 25-2, TULSA, OK 74101

4. Well Location (Surface)

Unit letter **F** : 1725 feet from the **NORTH** line & 2155 feet from the **WEST** line Sec 16-31N-06W SAN JUAN, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.
6428' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND
ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

OTHER: Change in drilling plan ☐

12. 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.

Per the attached procedure, Williams Production Company will run an additional 3 1/2" liner & set @ +/- 8601'.

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

SIGNATURE Tracy Ross TITLE: SR. Production Analyst DATE: June 12, 2005

Type or print name TRACY ROSS Telephone No: (918) 573-6254
(This space for State use)

APPROVED

BY

Conditions of approval, if any:

DEPUTY OIL & GAS INSPECTOR, DIST. 28

TITLE

DATE

JUN 16 2005



WILLIAMS PRODUCTION COMPANY

Drilling Plan/ REVISED

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

DATE: 6/3/05 **FIELD:** Blanco MV/ Basin DK
WELL NAME: Rosa # 185-B dir **SURFACE:** STATE
LOCATION: SE/NW Sec 16-31N-6W **MINERALS:** STATE
San Juan Co., NM
ELEVATION: 6,428ft. (GL) **LEASE #** SF-078766
MEASURED DEPTH: 8,601ft. (est.) **API #** 30-045-32734

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

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

Name	MD	TVD	Name	MD	TVD
Ojo Alamo	2,635	2,442	Point Lookout	6,108	5,732
Kirtland	2,769	2,557	Mancos	6,408	6,032
Fruitland	3,302	3,017	Gallup	7,393	7,017
Picture Cliffs	3,591	3,267	Greenhorn	8,153	7,777
Lewis	3,924	3,567	Graneros	8,208	7,832
Int. Csg. Point	4,576	4,200	5-1/2" csg point	8,296	7,920
Cliff House	5,828	5,452	Dakota	8,343	7,967
Menefee	5,878	5,502	TD	8,601	8,225

B. **MUD LOGGING PROGRAM:** Dakota / Morrison Intervals.

C. **LOGGING PROGRAM:** No Logging with this rig.

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

II. **DRILLING**

A. **DRILLING/MUD PROGRAM:** Drill 14-3/4" Surface Hole with Water and Polymer sweeps. Convert to a LSND mud to drill 9-7/8" Intermediate Hole. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Use air w/ Air Hammer and 6-3/4" Hammer bit from 7-5/8in. Csg. Point to 5-1/2 in. Csg point. Drill out of 5-1/2" casing with Air/ Nitrogen and an Air Hammer with 4-3/4" bit 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 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 drum brakes will be inspected and tested each tour. **All tests and inspections 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"	+ 500'	10-3/4"	40.5# H-40 / K-55
Intermediate	9-7/8"	+/-4,576'	7-5/8"	26.4# K-55
Intermediate	6-3/4"	+/-8,296'	5-1/2"	17.0# N-80
Prod. Liner	4-3/4"	+/-8,601'	3-1/2"	9.3# N-80

B. FLOAT EQUIPMENT:

1. SURFACE CASING: 10-3/4" notched regular pattern guide shoe run Baffle Plate in top of bottom joint. Run (1) standard centralizer on each of the bottom (10) joints of Surface Casing. The surface casing will be pressure tested to 1500 psi for 30 minutes after the BOPE test before drilling out cement.
2. INTERMEDIATE CASING: 7-5/8" cement nose guide shoe with a self-fill insert float. Place float collar one joint above the shoe. Install (1) Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (3) joints to 2,500 ft. 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. INTERMEDIATE CASING: 5-1/2" whirler type cement 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 to the Intermediate casing shoe. Place standard centralizers on each joint from the top of Cliff House to the base of Point Lookout production intervals. (Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package.)
4. PRODUCTION LINER: 3-1/2in.(will not be run if well flows naturally).

C. CEMENTING: (Note: Volumes will be adjusted onsite due to actual conditions)

1. SURFACE: Slurry: 400sx (556 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 - 830 sx (1735) cu.ft.) of "Type III" 65/35 poz with 8% gel, 2% Phenoseal 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 (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 = 1,875 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: 205 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 cement at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 363ft³. WOC 12 hours.
4. PRODUCTION LINER: 10 bbl Gelled Water 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 cement 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