

In Lieu of
Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use
"APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
SF - 078765

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 561-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1255' FSL & 1535' FWL, SE/4 SW/4 SEC. 5-31N-6W

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #236

9. API Well No.
30-045-27411

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
SAN JUAN, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other RECAVITATION
- ☐ 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.)*

Williams Production Company proposes to recavitate the existing Fruitland Coal well as per the attached procedure.

RECEIVED
APR - 8 1997

OIL CON. DIV
DIST. 3

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

Signed Susan Griguhn
SUSAN GRIGUHN

Title CLERK

Date March 27, 1997

(This space for Federal or State office use)

Approved by [Signature]

Title [Signature]

Date APR 03 1997

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.

*See Instruction on Reverse Side

NMOC

WILLIAMS PRODUCTION COMPANY
RECOMPLETION PROGNOSIS
ROSA 236

Purpose: To recavitate the Fruitland Coal zone.

1. Notify BLM 24 hours to moving in.
Notify Dante Vescovi with T.I.W.
Spot and fill 2- 400 bbl tanks with 1% KCl water. Do not filter water unless necessary.
2. MIRUSU. Nipple up BOP's, 2 blooie lines, working valves and 2" relief line. Test BOP's.
3. TOOH w/ 97 jts of 2-3/8" tubing and LD.
4. Pickup 3-1/2" drill pipe w/ 4-3/4" bit. TIH w/drill pipe and clean out to PBTD @ 3115'. TOOH.
5. Notify Dante Vescovi with T.I.W. to be on location with liner setting/retrieving tool. TIH with T.I.W. setting tool on 3-1/2" drill pipe. Tag liner top at 2895'. Thread setting tool into liner langer and pull straight out to release hanger and liner. TOH with liner and drill pipe.
6. Recondition 5-1/2" liner as necessary. Recondition JGS liner hanger with left hand threads.
7. If liner recovery with setting tool was unsuccessful, mill it out as follows.
Pickup rotary shoe, bumper sub, jars, 6-1/4" mill and 4-3/4" drill collars on 3-1/2" drill pipe and TIH. Mill the top hold down slips off the JGS, Steel Sleeve, Right Hand Release liner hanger @ 2895'. TOOH. Pick up a spear and the fishing tool assembly and TIH. Spear into the liner top and jar liner loose.
8. TOOH w/ 5-1/2" Liner and LD. Repair liner if necessary.
9. PU 6-1/4" bit on 3-1/2" DP and TIH. Clean out to 3115'. TOOH.
10. PU 7" X 9-1/2" Underreamer and underream from 2950' to 3115'. TOOH.
11. Install three 750 cfm rated compressors with boosters and one 750 cfm compressor with booster for backup on location.
12. TIH w/ 6-1/4" bit on 3-1/2" DP and circulate out fill. Run 10 to 5 bbl sweeps using 1 GPB of soap if necessary.
13. PU bit and drill pipe to 2950' . Pressure up hole to 3300 psi (Max pressure) then surge. Do this an ave. of 5 times.
14. Repeat 2-3 weeks or until gas production no longer increases.

NOTE: Accurate guages will be essential in determining the success of each step.
15. TOH w/ 6-1/4" bit on 3-1/2" DP.

16. PU original 5-1/2" Liner on 3-1/2 DP. Run in with reconditioned JGS liner hanger with left hand threads and L A set shoe on bottom of liner. Rotate down if necessary. Land liner @ 3115' with 100' overlap in 7". TOO H w/ 3-1/2" DP and LD.
17. PU 2-3/8", 4.7#, J-55, 8rd, EUE tbg and RIH. Land tubing @ 3077'.
18. ND BOP and NU wellhead. Shut well in for buildup.
19. Cleanup location and release rig.



Sterg Katigis
Senior Engineer

WELLBORE DIAGRAM

ROSA #236

1255' FSL 1535' FWL
5-31N-6W
Rio Arriba Co, NM

Elevation: 6353' GL
KB 12'

Ojo Alamo @ 2205'
Kirtland @ 2390'
Fruitland @ 2860'

9-5/8", 36.0#, K-55 @ 223'
Cmt w/ 160 sx. TOC @ surface
Hole size 12-1/4"

97 jts, 2-3/8", 4.7#, j-55 8rd
landed @ 3077' w/ F nipple @
3044'

Top of liner @ 2895

7", 23.0#, K-55 @ 2950'.
Cmt w/ 550 sx. TOC @ surface.
Hole size 8-3/4"

Top perf 2984'

Bottom Perf 3112'

5 1/2" 15.5# K-55 Liner @ 3115'
Predrilled liner No Cement
Hole 6 1/4"

TD 3115'

PERTINENT DATA SHEET

WELLNAME: Rosa #236

FIELD: Basin Fruitland Coal

LOCATION: 1255'FSL, 1535'FWL, Sec 5, T31N, R6W

ELEVATION: 6353 GL ID: 3115'
KB: 12' PBTD: 3115'

COUNTY: Rio Arriba

STATE: New Mexico

DATE COMPLETED: 9/7/90

CASING TYPE	CASING SIZE	HOLE SIZE	WEIGHT & GRADE	DEPTH	CEMENT	TOP
Surface	9-5/8"	12-1/4"	36.00#, K-55	223'	160sx	surface
Intermediate Casing	7"	8-3/4"	23.0#, K-55	2950'	550sx	surface
Production Liner	5-1/2"	6-1/4"	15.5#, K-55	2895'-3115'	NO CEMENT	

TUBING EQUIPMENT 97 jts, 2-3/8", 4.7#, J-55, 8 rd, landed @ 3078'

WELLHEAD: Casing Head - 9 5/8" x 11"
Casing Spool - NA

Tubing Head - 11" x 7 1/16"

FORMATION TOPS:

Ojo Alamo	2205'
Kirtland	2390'
Fruitland	2860'
Pictured Cliff	not present

LOGGING RECORD: Mud log.

PERFORATIONS: Predrilled liner 2984'-3025', 3027'-3069', 3071'-3112'

STIMULATION: Cavitation (9/2/90-9/10/90)

PRODUCTION HISTORY: Initial MCF 953 mcf/d Cum 95mmcf, Ave 67mcf/d

WORK OVER HISTORY: None

DFS 3/5/96