

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Williams Production Company

3a. Address

P.O. Box 316 - Ignacio, CO 81137

3b. Phone No. (include area code)

970/563-3300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 5, T31N, R5W
2000' FSL, 950' FWL

5. Lease Serial No.

SF-078763

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Rosa Unit

8. Well Name and No.

#335

9. API Well No.

300392502700

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State

Rio Arriba County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Williams plans to pull liner and cavitate the Fruitland Coal zone per attached procedure. Estimated start date is June 15, 2001.

2001 MAR 14 PM 2:27

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Lance A. Hobbs

Title Sr. Production Engineer

Signature

Lance A. Hobbs

Date March 12, 2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

3/15/01

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

WELLBORE DIAGRAM

ROSA UNIT #335

2005' FSL 950' FWL
5-31N-5W
Rio Arriba Co, NM

Elevation: 6342' GL
KB 16'

Wellhead Eqpt.

9-5/8", 36#, K-55 @ 228'
Cmt w/ 189 cf. TOC @ surface
Hole size 12 1/4"

TOPS

Ojo Alamo 2442'
Fruitland 2912'

ID Date 15/5/91

99 jts 2-3/8", J-55. 4.7#, 8rd, EUE
@ 3138', "F" nipple 1 jt up. Exp check
on bottom

122 single 7/8" sucker rods, 1-6' sub
on top, 1-2' sub above pump & 1-PR.
16' pump.

Pre Perfed Liner. Length = 267'.
5-1/2", 15.5#, K-55, 8rd, LT&C, w/ cmt
nose, float shoe on bottom.
TOL @ 2889'. Landed @ 3156'.

7" 20# K-55 @ 2986'
Cmt w/ 1056 cf cmt. Circ to surface
Hole size 8-3/4"

Hanger: 5-1/2" x 7" Brown HY FLO
3 hanger w/ steel sleeves. Hold
down slips on top.

hole = 6-1/4"

TD 3157'
PBTD 3156'

WILLIAMS PRODUCTION COMPANY
SIDETRACK & CAVITATION PROGNOSIS
ROSA 335 – Sec. 5-31N-5W

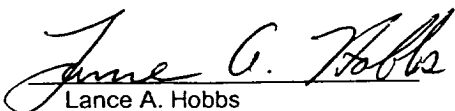
Purpose: To pull liner and cavitate the Fruitland Coal zone.

1. Notify BLM 24 hours to moving in.
2. MIRUSU. Nipple up pneumatic actuated BOPs, 2 blooie lines, pneumatic working valves and 2 - 7" blooie lines. Anchor blooie lines securely. Test BOPs. Fill rig tank with produced water. Do not filter water unless necessary.
3. Rig up air package, 1800 cfm minimum.
4. TIH and tag fill. CO fill if necessary. TOOH w/ 2-3/8" tubing and LD.
5. Pick up 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 hold down slips off the liner. TOOH Pick up a spear and the fishing tool assembly and TIH. Spear into liner top and jar liner loose.
6. TOOH w/ 5-1/2" liner and LD. Re use any joints if possible.
7. PU 6-1/4" bit on 3-1/2" DP and TIH. Clean out to TD (3157') TOOH.
8. PU 7" X 9-1/4" Underreamer and undeream open hole from 7" shoe (2990') to TD (3156').
9. TIH w/ 6-1/4" bit on 3-1/2" DP and circulate out fill.

NOTE: a pre-perforated liner will be run back in this well. Coordinate with Ron Cochran (Williams Material Coordinator) and Darby at A-1 Machine shop. Pre perforate 3 jts (43' Joints MINIMUM) of 5-1/2" with 4 SPF with plugs. One week lead time to pre drill liner.

CAVITATION

10. Run 5 to 10 bbl sweeps using 1 GPB soap if necessary.
11. PU bit inside 7" casing. Pressure up hole to 2500 psi (maximum pressure) then open to atmosphere. Repeatedly surge well. SI for buildup after surging about 5 times.
12. Record any breaks. Record accurate buildup pressure and pitot gauges after each cycle. Repeat until gas production no longer increases, 2 – 3 weeks.
13. TOH w/ bit and DP.
14. Notify Dante Vescovi with TIW to run liner.
15. PU 5-1/2" liner on 3-1/2" DP. Run in with JGS liner hanger with left hand threads and L A set shoe on bottom of liner. Run 3 (three) pre-perforated joints on bottom. Rotate down if necessary. Land liner @ 3156' with 100' overlap in 7". TOOH w/ DP and LD.
16. PU 2-3/8", 4.7#, J-55, 8rd, EUE tbg and disposable mill. TIH, mill out plugs and land tubing @ 3125'.
17. ND BOP and NU wellhead. Shut well in for buildup.
18. RDSU. Clean up location and move.


Lance A. Hobbs
Engineer, Production & Drilling