

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. SF-078763
2. Name of Operator Williams Production Company	6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 316 - Ignacio, CO 81137	7. If Unit or CA/Agreement, Name and/or No. Rosa Unit
3b. Phone No. (include area code) 970/563-3300	8. Well Name and No. #336
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 8, T31N, R5W 915' FNL, 2025' FEL	9. API Well No. 300392495100
	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 May 14, 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 <i>Lance A. Hobbs</i>	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.

ROSA UNIT #336

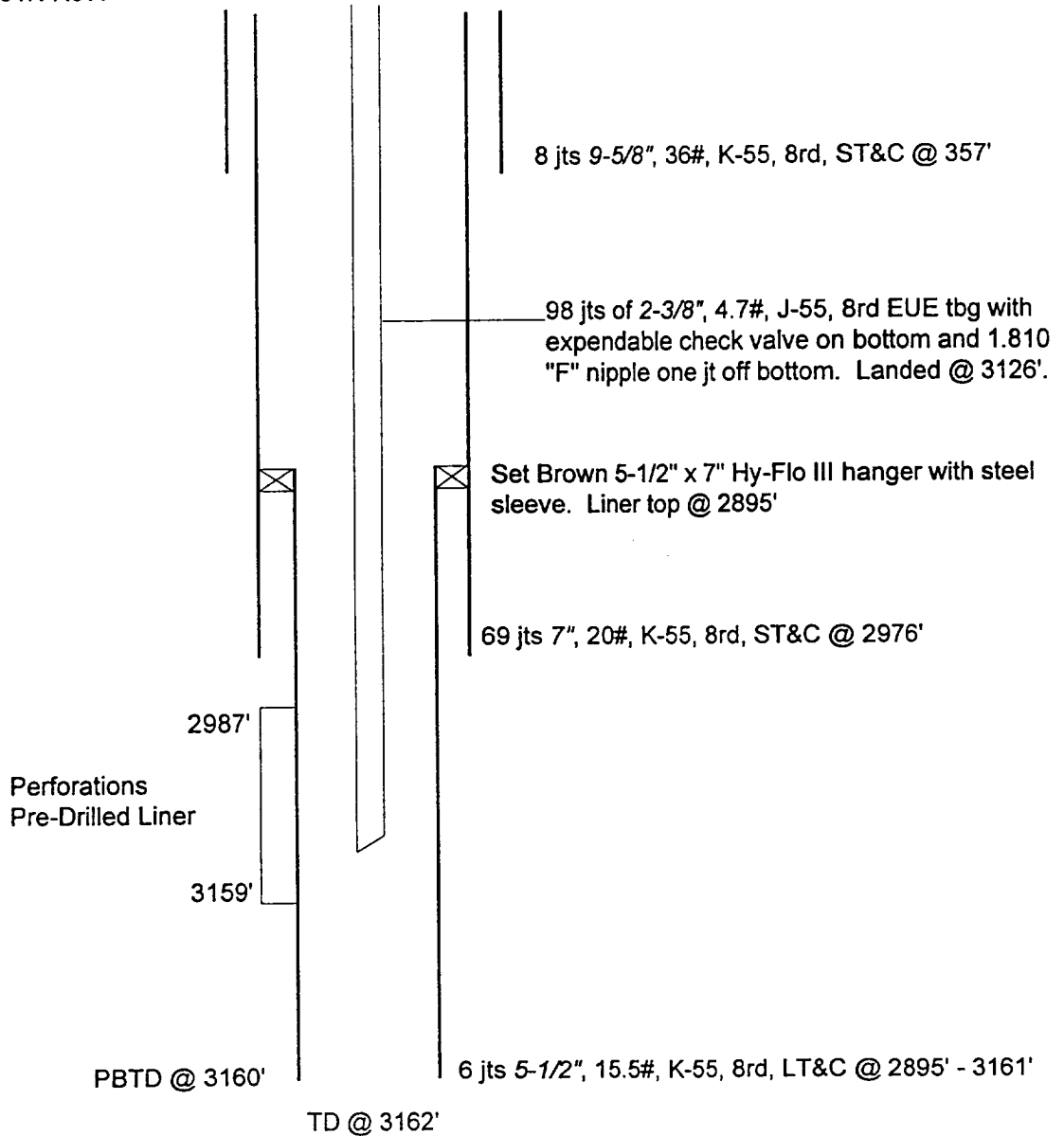
FRUITLAND COAL

915' FNL 2025' FEL
NW/4 NE/4 SEC 8B T31N R5W
Rio Arriba Co, NM

Elevation: 6349' GL
KB 12'

Drilled in 1990
ID'd in 1991

Ojo Alamo 2442'
Kirtland 2542'
Fruitland 2890'



HOLE SIZE	CASING	CEMENT	TOP OF CMT
12-1/4"	9-5/8" 36#	280 sx	SURFACE
8-3/4"	7" 20#	640 sx	SURFACE
6-1/4"	5-1/2" 15.5#	Did Not Cement	N/A

WILLIAMS PRODUCTION COMPANY
SIDETRACK & CAVITATION PROGNOSIS
ROSA 336 – Sec. 8-31N-5W

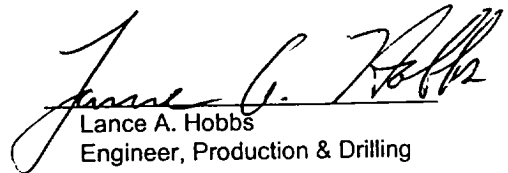
Purpose; To pull liner and cavitate the Fruitland Coal zone.

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 (3162') TOOH.
8. PU 7" X 9-1/4" Underreamer and undeream open hole from 7" shoe (2976') to TD (3162').
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 @ 3162' 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