

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

5. Lease Designation and Serial No.
SF-078764

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
ROSA UNIT

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
ROSA UNIT #233

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-24440

3. Address and Telephone No.
PO BOX 3102 MS 37-4, TULSA, OK 74101 (918) 588-4592

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1720' FSL & 990' FWL, NW/4 SW/4, SEC 30 T31N R5W

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
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>CAVITATE</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> 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 plans to cavitate this well as per the attached procedure.

RECEIVED
JAN 30 1998
OIL CON. DIV.
DIST. 3

COPIES
1/28/98 11:12:05
1/28/98

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

Signed Susan Griguhn Title CLERK Date January 22, 1998
SUSAN GRIGUHN

(This space for Federal or State office use)

Approved by AS/ Duane W. Spencer Title _____ Date JAN 28 1998

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.

1/21/98

WILLIAMS PRODUCTION COMPANY
CAVITATION PROGNOSIS
ROSA 233

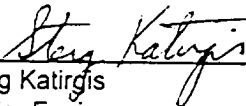
Purpose: To cavitate the Fruitland Coal zone.

1. Notify BLM 24 hours to moving in.
Notify Dante Vescovi with T.I.W.
2. MIRUSU. Nipple up BOP's, 2 blooie lines, working valves and 2" relief line. Test BOP's.
Fill rig pit with produced water. Do not filter water unless necessary.
3. TIH w/ tubing and check for fill. TOH with tbg and LD.
4. Pickup 3-1/2" drill pipe w/ 4-3/4" bit. TIH w/drill pipe and clean out to PBSD @ 3252'. 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 3029'. Thread setting tool into liner hanger and pull straight out to release hanger and liner. TOH with liner and drill pipe.
6. Recondition 5-1/2" liner as necessary. Order new pipe if 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. 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 3254'. TOOH.
10. PU 7" X 9-1/2" Underreamer and underream from 3090' to 3253'. 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 3000' . Pressure up hole to 3000 psi (Max pressure) then surge. Do this repeatedly.
S.I. and measure pressure buildup.
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 @ 3254' with 60' overlap in 7". TOOH 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 Katirgis
Senior Engineer

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OIL CON. DIV.
DIST. 3

PERTINENT DATA SHEET

WELLNAME: Rosa #233

FIELD: Basin Fruitland Coal

LOCATION: 1720'FSL, 990'FWL, Sec 30, T31N, R5W

ELEVATION: 6400 GL TD: 3253'
KB: 12' PBD: 3252'

COUNTY: Rio Arriba

STATE: New Mexico

DATE COMPLETED: 4/18/91

<u>CASING TYPE</u>	<u>CASING SIZE</u>	<u>HOLE SIZE</u>	<u>WEIGHT & GRADE</u>	<u>DEPTH</u>	<u>CEMENT</u>	<u>TOP</u>
Surface	9-5/8"	12-1/4"	36.00#, K-55	224'	189 ft ³	surface
Intermediate Casing 7"		8-3/4"	23.0#, K-55	3085'	1305 ft ³	surface
Production Liner	5-1/2"	6-1/4"	15.5#, K-55	3029'-3253'	NO CEMENT	

Left hand set, right hand release SS TIW hanger. Hanger @ 3200'.

TUBING EQUIPMENT 102 jts, 2-3/8", 4.7#, J-55, 8 rd, landed @ 3200'. F nipple one jt off bottom @ 3167'.

WELLHEAD:

Casing Head

Tubing Head

FORMATION TOPS:

Ojo Alamo 2550'
Kirtland 2650'
Fruitland 3100'

LOGGING RECORD:

Mud log.

PERFORATIONS:

3076'-3166', 3210'-3252'

STIMULATION:

circulated and ran sweeps for <3 days

WORK OVER HISTORY

SGK 1/19/98

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ROSA UNIT #233

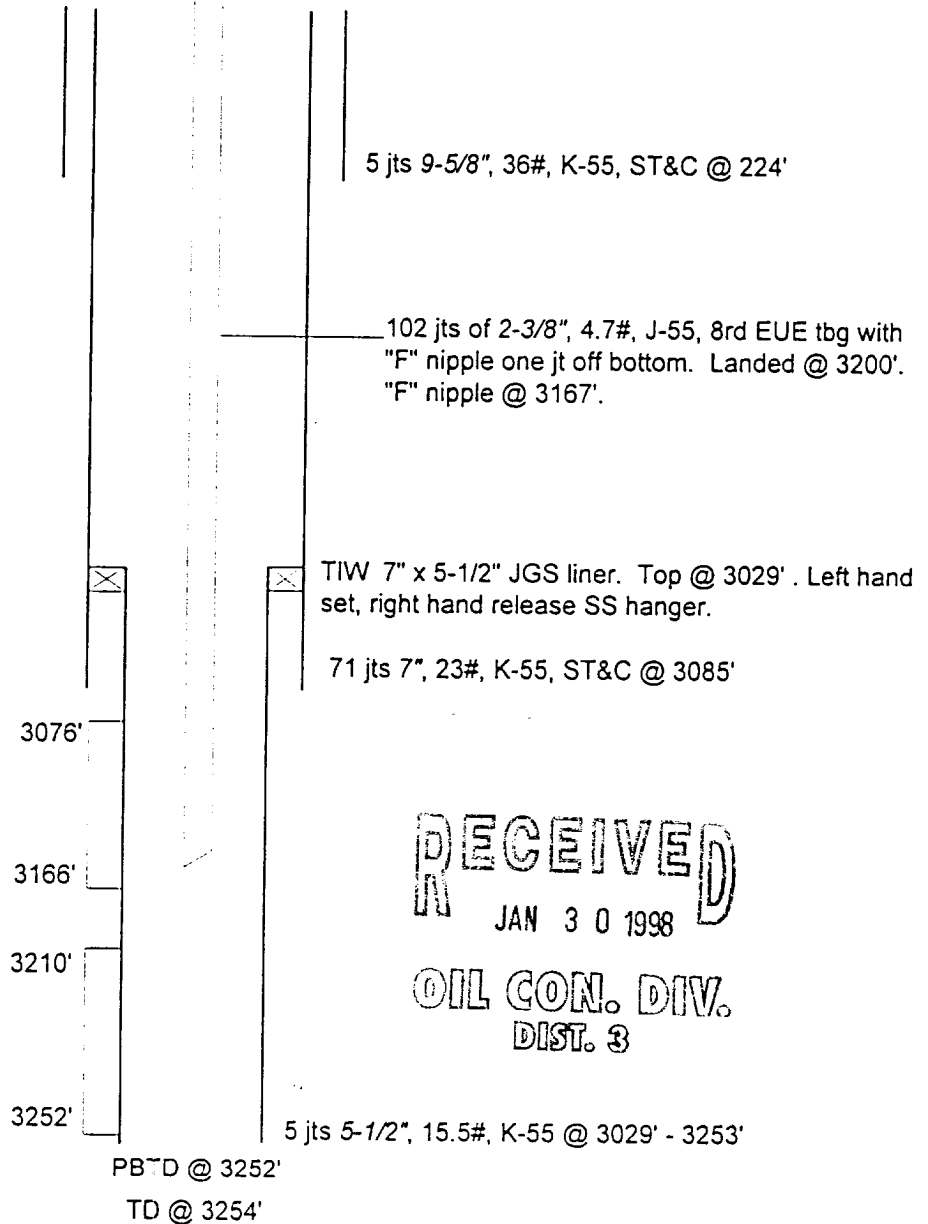
BASIN FRUITLAND COAL

1720' FSL 990' FWL
 NE/4 SW/4 SEC 30K T31N R5W
 Ria Arriba Co, NM

Elevation: 6400' GL
 KB 12'

Drilled in 1990
 ID'd in 1992

Ojo Alamo 2550'
 Kirtland 2650'
 Fruitland 3100'



HOLE SIZE	CASING	CEMENT	TOP OF CMT
12-1/4"	9-5/8" 36#	160 sx	SURFACE
8-3/4"	7" 20#	782 sx	SURFACE
6-1/4"	5-1/2" 15.5#	Did Not Cement	N/A