

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

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) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
980' FNL & 1705' FEL, NW/4 NE/4, SEC 28 T31N R5W

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #266

9. API Well No.
30-039-24963

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

11. County or Parish, State
RIO ARRIBA, 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 Cavitation

- ☐ 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 plans to cavitate this well as per the attached procedure. Estimated start date 9/30/1999.

RECEIVED
BLM
99 SEP -3 PM 1:36
070 FRUITLAND, NM

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

Signed

Tracy Ross
TRACY ROSS

Title Production Analyst

Date August 31, 1999

(This space for Federal or State office use)

Approved by

Jim Jave to

Title

Acting Team Lead

Date

10/1/99

Conditions of approval, if any:

8-30-99

WILLIAMS PRODUCTION COMPANY
SIDETRACK & CAVITATION PROGNOSIS
ROSA 266

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.

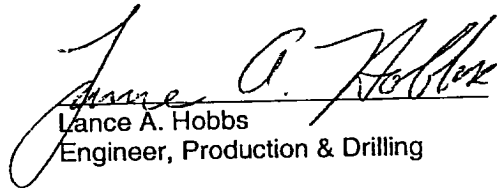
NOTE: a pre-perforated liner will be run back in this well. Coordinate with Ron Cochran (Williams Material Coordinator) and Darby at A-1 Machine shop. Pre perforate 2 jts (43' Joints MINIMUM) of 5-1/2" with 4 SPF with plugs. One week lead time to pre drill liner.

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. Notify Dante Vescovi with T.I.W. to be on location with liner setting/retrieving tool. TIH with setting tool on 3-1/2" DP. Tag TIW JGS liner hanger at 3414'. Thread setting tool into liner hanger and pull straight out to release hanger and liner. TOH with DP and liner.
6. If liner recovery with setting tool was unsuccessful, mill it out as follows:
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.
7. TOOH w/ 5-1/2" liner and LD. Re use any joints if possible.
8. PU 6-1/4" bit on 3-1/2" DP and TIH. Clean out to TD (3682') TOOH.
9. PU 7" X 9-1/4" Underreamer and undeream open hole from 7" shoe (3510') to TD (3682').
10. TIH w/ 6-1/4" bit on 3-1/2" DP and circulate out fill.

CAVITATION

11. Run 5 to 10 bbl sweeps using 1 GPB soap if necessary.
12. 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.
13. Record any breaks. Record accurate buildup pressure and pitot gauges after each cycle. Repeat until gas production no longer increases, 2 – 3 weeks.
14. TOH w/ bit and DP.
15. Notify Dante Vescovi with TIW to run liner.
16. PU 5-1/2" pre drilled liner with plugs on 3-1/2" DP. One (1) predrilled joint on bottom (at least 43' jt lengths), followed by one (1) joint, followed by one (1) additional predrilled joint. Run in with JGS liner hanger with left hand threads and L A set shoe on bottom of liner. Rotate down if necessary. Land liner @ 3682' with 100' overlap in 7". TOOH w/ DP and LD.

17. PU plug mill and 2-3/8", 4.7#, J-55, 8rd, EUE tbg and and TIH. Knock off plugs and land tubing @ 3660'.
18. ND BOP and NU wellhead. Shut well in for buildup.
19. Clean up location and release rig.


Lance A. Hobbs
Engineer, Production & Drilling



Exploration & Production
Pertinent Data Sheet

Rosa #266

DATE: 8/30/1999

WELLNAME: ROSA UNIT #266

FIELD: Basin Fruitland Coal

LOCATION: 980' FNL, 1705' FWL, Sec. 28, T31N, R05W

ELEVATION: 6785'

PBTD:

TOTAL DEPTH: 3682'

COUNTY: Rio Arriba

State: New Mexico

DATE COMPLETED: 5/8/91

CASINGTYPE	CASING SIZE	HOLE SIZE	WEIGHT/ GRADE	DEPTH	CEMENT	TOP
Surface	9-5/8"	12-1/4"	36#, K-55	228'	160sx	Surface
Intermediate	7"	8-3/4"	20#, K-55	3510'	725sx	Surface
Prod. Liner	5-1/2"	6-1/4"	15.5#, J-55	3414'-3680'	Open hole	No cement

TUBING EQUIPEMENT: 115 of JTS 2-3/8", J-55 8rd EUE w/ F Nipple one jnt off bottom.
Landed @ 3612'.

FORMATION TOPS:

Ojo Alamo 2930'
Kirtland 3095'
Fruitland 3470'

LOGGING RECORD: GR-CDL-CNL-Hi RES COAL LOG

PERFORATIONS: Coal: Pre-perforated liner. (4spf) 171' of perforations 3058'-3229'.

STIMULATION: Initially circulated and ran sweeps for 3 days. 5/5/91-5/8/91.

PRODUCTION HISTORY: Cum 112,000 MCF. Currently producing 270 MCFD.

LAH 8/30/99

ROSA UNIT #266

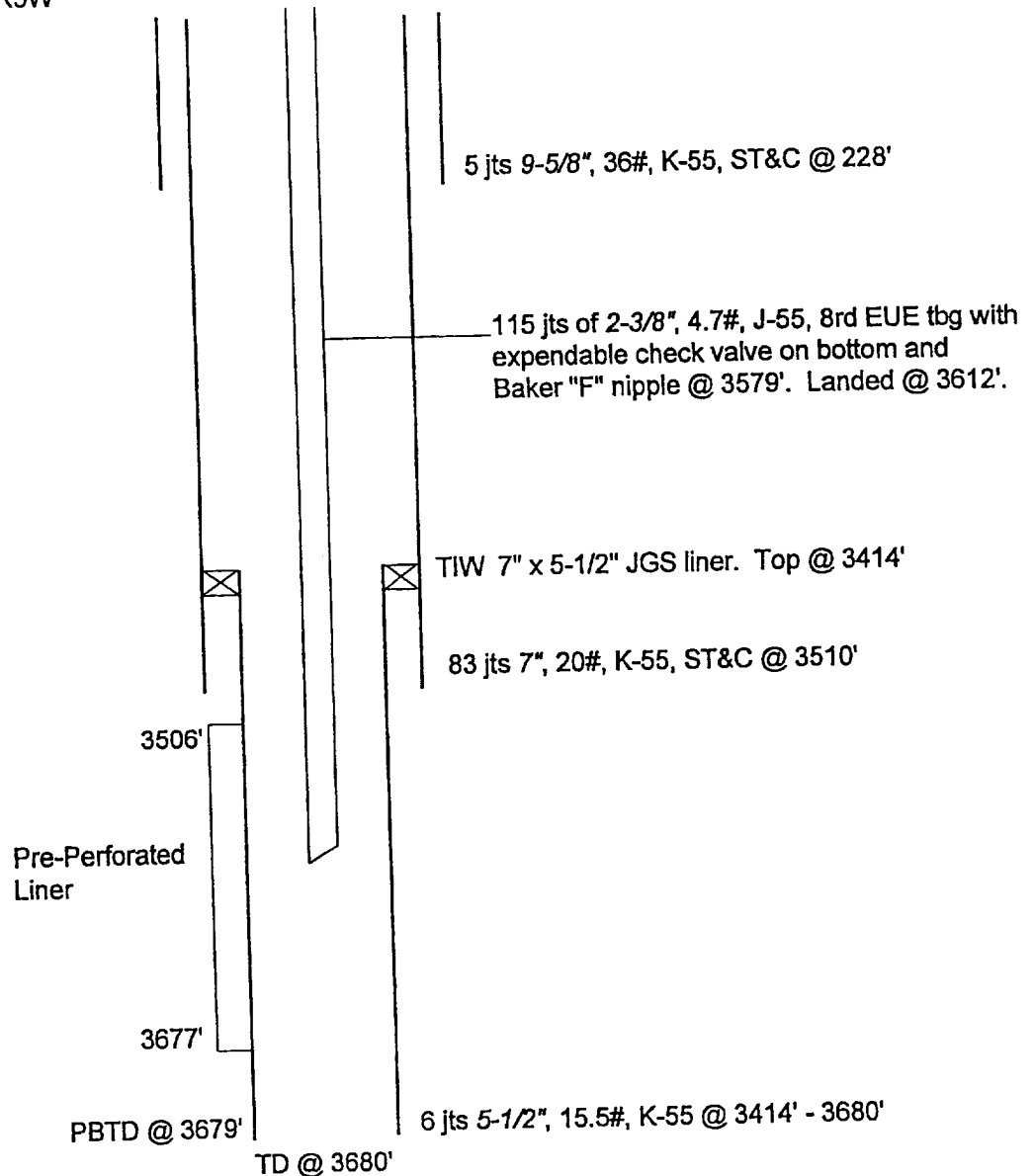
FRUITLAND COAL

980' FNL 1705' FEL
NW/4 NE/4 SEC 28B T31N R5W
Ria Arriba Co, NM

Elevation: 6785' GL
KB 12'

Drilled In 1990

Ojo Alamo 2930'
Kirtland 3095'
Fruitland 3470'



HOLE SIZE	CASING	CEMENT	TOP OF CMT
12-1/4"	9-5/8" 36#	160 sx	SURFACE
8-3/4"	7" 20#	725 sx	SURFACE
6-1/4"	5-1/2" 15.5#	Did Not Cement	N/A