

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-078769
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 37-4, TULSA, OK 74101 (918) 588-4592

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2510' FNL & 890' FEL, SE/4 NE/4 SEC 21-31N-5W

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #262

9. API Well No.
30-039-24982

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

- ☐ 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 stimulate the existing perforations in this well. Work to begin around August 31, 1998. Procedure attached.

RECEIVED
BLM
070 FRUITLAND, NM
98 JUL 20 PM 2:23

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed SUSAN GRIGUHN *Spencer*

Title CLERK Date July 14, 1998

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer

Title _____ Date AUG 13 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.

NMOC

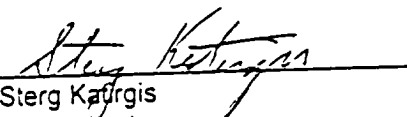
WILLIAMS PRODUCTION COMPANY
CAVITATION PROGNOSIS
ROSA 262

Purpose: To cavitate the Fruitland Coal zone.

1. Dig and line blow pit. Check and replace rig anchors.
Notify BLM 24 hours to moving in.
Notify Dante Vescovi with T.I.W.
2. MIRUSU. Nipple up BOP's, 2 blooie lines, hydraulic valves, working valves and 2" relief lines. Test BOP's.
Fill rig pit with produced water. Filter water only if necessary.
3. TIH w/ tubing and check for fill. TOH with tbg and LD.
4. If there is a lot of fill clean out. Pickup 3-1/2" drill pipe w/ 4-3/4" bit. TIH w/drill pipe and clean out to PBTD @ 3412'. 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 3143'. 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. Re use liner if possible.
9. PU 6-1/4" bit on 3-1/2" DP and TIH. Clean out to TD. TOOH.
10. PU 7" X 9-1/2" Underreamer and underream from 3255' to 3413'. 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.
Cavitate well! Run 5 to 10 bbl sweeps using 1 GPB of soap if necessary.
13. PU bit and drill inside 7". Pressure up hole to 3000 psi if possible (Max pressure) then surge. Do this repeatedly.
S.I. and measure pressure buildup. Pitot gauge flow through 3/4" choke. 4 readings during 1 hour flow.

14. Repeat 2-3 weeks or until gas production no longer increases.
15. TOH w/ 6-1/4" bit on 3-1/2" DP.
16. PU 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 @ 3413' with minimum of 60' overlap in 7". TOOH w/ 3-1/2" DP and LD.

If new 5-1/2" is run, perforation depths will be picked as per engineering, approximately 90' at 4 - 0.50" JSPF.
17. PU 2-3/8", 4.7#, J-55, 8rd, EUE tbg and TIH. Land tubing @ ±3375'.
18. ND BOP and NU wellhead. Shut well in for buildup.
19. Cleanup location and release rig.


Sterg Kaurgis
Senior Engineer

ROSA #262 BASIN FRUITLAND COAL

Elevation: 6560' GL
KB 13'

2510' FNL, 890' FEL
SE/4 NE/4 SEC 21H-T31N-R5W
Rio Arriba Co, NM

Ojo Alamo @ 2735'

Kirtland @ 2850'

Fruitland @ 3195'

Spud: 10-25-1990

Pre-Perforated
Liner

3232'
3324'
3325'
3368'
3371'
3411'

5 jts 9-5/8", 36# K-55 @ 229'
Cmt w/ 160 sx class "B",

~~5~~ TBG: 107 jts of 2-3/8", 4.7#, J-55
8rd, EUE Lone Star tbg with a Bak
check valve, "F" nipple and (1.81" ID)
1 jt off bottom. Landed @ 3367'

Liner Top @ 3143'. T1W liner hanger
@ 3143'. Type JGS
7" x 5 1/2".

75 jts 7", 20#, K-55 @ 3250'
Cmt w/ 700 sx class "B" w/ 270 CoCl. Circ
to surface.

Open Hole Completion. No Cement
6 jts 5-1/2", 15.5#, K-55,
3143' to 3413'

Type "LA" set shoe on bottom w/ float.

PBTD 3412'

TD @ 3413'

HOLE SIZE	CASING	CEMENT	TOP OF CMT
12-1/4"	9-5/8" 36#	160 sx	Surface (Circ)
8-3/4"	7" 20#	700 sx	Surface (Circ)
6-1/4"	5-1/2" 15.5#	Did Not Cement	

PERTINENT DATA SHEET

WELLNAME: Rosa #262

FIELD: Basin Fruitland Coal

LOCATION: 2510' FNL, 890' FEL, Sec 21, T31N, R5W

ELEVATION: 6560 GL TD: 3413'

KB: 12'

PBTD: 3412'

COUNTY: Rio Arriba

STATE: New Mexico

DATE SPUDDED: 10/25/90

CASING TYPE	CASING SIZE	HOLE SIZE	WEIGHT & GRADE	DEPTH	CEMENT	TOP
Surface	9-5/8"	12-1/4"	36.00#, K-55	229'	160 sx	surface
Intermediate Casing 7"		8-3/4"	20.0#, K-55	3250'	700 sx	surface
Production Liner	5-1/2"	6-1/4"	15.5#, K-55	3143'-3413'	NO CEMENT	

TUBING EQUIPMENT 107 jts, 2-3/8", 4.7#, J-55, 8 rd, landed @ 3367'. F nipple one jt off bottom. Expendable check.

WELLHEAD:

Casing Head: 9-5/8" X 11" 3000#

Tubing Head 7-1/16" 3000#

FORMATION TOPS:

Ojo Alamo	2735'
Kirtland	2850'
Fruitland	3195'

LOGGING RECORD:

Mud log.

PERFORATIONS:

3282-3324, 3326-68, 3371-3411, pre perfed liner

STIMULATION:

circulated and ran sweeps for 3 days

WORK OVER HISTORY

First Delivered 5/14/98

SGK 7/11/98

Conditions of Approval:
Notice of Intent to Recomplete

Williams Production Company
Rosa Unit 262
2510' FNL & 890' FEL
Sec 21-31N-5W

- 1) Notify the Farmington District Office Inspection and Enforcement Division
@ (505) 599-8907 within 24 hours prior to commencing wellbore recompletion operations.
- 2) A 100' minimum overlap on the reconditioned or replacement liner will be required, contact this office @ (505) 599-6367 should a waiver of this requirement be necessary.
- 3) Prior to commencing recompletion operations, BOPE must be installed and tested in accordance with the requirements outlined in Onshore Order No. 2.
- 4) Within 30 days of completion of the operations as proposed, file one original and three copies of Sundry Notice (form 3160-5) providing a detailed description of the operations conducted.