

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use  
"APPLICATION FOR PERMIT--" for such proposals

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

RECEIVED  
BLM

96 SEP 10 PM 1:12

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

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)  
800' FSL & 920' FEL, SW SE SEC 12-31N-6W

5. Lease Designation and Serial No.  
SF-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
ROSA UNIT

8. Well Name and No.  
ROSA UNIT #30

9. API Well No.  
30-039-25570

10. Field and Pool, or Exploratory Area  
BLANCO MV-72319/BASIN DK-71599

11. County or Parish, State  
RIO ARriba CO., NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

RECEIVED  
SEP 23 1996  
OIL CON. DIV.  
DIST. 3

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other COMPLETION SUMMARY

TYPE OF ACTION

- ☐ 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.)\*

8-07-96 Drill cement to PBTD at 8251'. Circulate hole clean. POH to 8223' and ready to spot acid. SDON. Ran CBL prior to MOL w/ rig and found TOC behind 5-1/2" casing @ 3200'.

8-08-96 RU BJ Services & roll hole w/ 2% KCl. Spot acid @ 8223'. Load hole & pressure test to 6500# - held OK. RU Petro Wireline & perforate 2 holes: 8217' & 8223' w/ 3-1/2" csg. guns (EHD = 0.36"). Set packer @ 7890'. Perfs broke @ 2400# & again @ 4000# (small breaks). Shut down pumps, ISIP: 2400#.

8-09-96 RU Petro wireline and perforate 2 spf (EHD: 0.36") @ 8065, 8073, 8114, 8122, 8130, 8138, 8151, 8155, 8181, 8191, 8198. Total of 22 holes. Dropped 36 balls (1.3 SG) in 1000 gal of 15% Hcl. Acid away @ 17 bpm @ 3000#. Good ball action & complete ball off. RIH w/ junk basket & recover 36 balls w/ 20 hits. RIH w/ packer on 3-1/2" tbg. & set @ 63'. Established a rate of 30 BPM @ 4800# during a 214 BBL pad of 60 quality foam with 30# CMHPG gel X-Linked with Zirconium. Stimulated Dakota with 55000# of 20/40 Ottawa sand from 1 - 4 ppg. 1500 hrs 8/8/96. Well screened out, breaker mixed improperly. AIR = 31 BPM, ATP = 5500#, MIR = 31 BPM, MTP = 6100#. Total fluid = 466 BBL's. Bled well down to 4000# thru BJ's equipment. FTP down to 2800#.

8-11-96 Pumped 65 BBLs of 2% KCl water. PU 5-1/2" packer on one stand of 3-1/2" tubing and set packer @ 63'. Loaded backside and pressured to 500#. Established a rate of 30 BPM @ 5850# during a 357 BBL pad of 60 quality foam with 30# gel X-Linked with Zirconium. Stimulated Dakota with 92,000# of 20/40 Ottawa sand and 10,000# of super DC resin coated sand at 1-4 ppg. Job complete @ 1315 hrs 8/10/96. ISIP = 4400#, 15 min = 3850#. AIR = 32 BPM, ATP = 5475#, MIR = 35 BPM, MTP = 6000#. Total fluid = 730 BBLs.

8-13-96 Tag sand @ 8190'. Clean out to PBTD @ 8251'. Ran 3 sweeps to clean out casing. RU Petro Wireline & RIH w/ 5-1/2" CIBP & set @ 6300'. RIH w/ tbg. to 6154' & load hole. Pressure test casing to 3500# - held OK for 15 min. Spot 500 gal of 15% HCl across perfs. TOH w/ tbg. Perforate Point Lookout w/ 3-1/8" csg. gun (EHD = 0.36") at the following depths: 5813, 15, 22, 24, 26, 28, 30, 32, 34, 36, 42, 44, 46, 48, 50, 52, 54, 56, 60, 62, 64, 66, 68, 70, 72, 74, 76, 87, 89, 92, 94, 96, 98, 5900, 02, 14, 16, 18, 20, 22, 24, 29, 31, 33, 45, 47, 65, 66, 85, 88, 6019, 25, 39, 41, 45, 68, 73, 75, 77, 97, 6105, 15, 54. Total of 63 holes.

[CONTINUED ON REVERSE SIDE]

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

Signed Larreen Kimbrel  
LARREEN KIMBREL

Title SR. OFFICE ASSISTANT

Date September 6, 1996

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date \_\_\_\_\_

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.

\*See Instruction on Reverse Side

INWOOD

ACCEPTED FOR RECORD  
SEP 10 1996  
FARMINGTON DISTRICT OFFICE  
BY [Signature]

- 8-14-96 BJ established a rate of 40 BPM and 960# and dropped balls in 1500 gal of 15% HCl. Good ball action and balled off to 3300#. Ran a junk basket and recovered 95 balls with 63 hits. Established a rate of 110 BPM @ 2480# during a 667 BBL pad of slick water. Stimulated Point Lookout 80,000# of 20/40 sand at 1 to 2 ppg. Job complete @ 0845 hrs 8/13/96. ISIP = 0#. AIR = 105 BPM, ATP = 2600#, MIR = 113 BPM, MTP = 2750#. Total fluid = 1951 BBL's. Set RBP at 5807' and dumped sand on BP. TIH with tubing to 5796'. Pressure tested plug and casing to 3500# - OK. Circulate hole clean and spotted 500 gals of 15% HCl across Menefee/Cliff House. TOH. Perforated Menefee/ Cliffhouse with one hole at each of the following depths: 5573', 5607', 13', 33', 38', 40', 42', 44', 46', 48', 50', 52', 57', 59', 61', 63', 65', 67', 71', 78', 80', 82', 84', 86', 97', 5705', 43', 56', 58', 60', 62', 64', 66', 68', 70', 72', 74', 76', 78', 80', 96'. BJ established a rate and dropped 63 balls in 1000 gal of 15% HCl. Ran a junk basket and recovered 63 balls with 40 hits. Established a rate of 87 BPM @ 2350# during a 480 BBL pad of slick water. Stimulated the Menefee/Cliff House with 80,000# of 20/40 sand at 1 to 2 ppg. Job complete at 1445 hrs 8/13/96. ISIP = 900#, 15 min = 0#. AIR = 87 BPM, ATP = 2060#, MIR = 92 BPM, Mtp = 2500#. Total fluid = 1766 BBL's.
- 8-17-96 RU Petro RIH w/ model "D", set @ 6250'. Released rig @ 1300 hrs. 8/17/16.  
**Dakota Tubing:** Ran 249 jts.(8154') of 1-1/2", 2.9#, J-55, EUE as follows - ½ mule shoe on bottom, SN (1.375"ID @ 8148'), 58 jts of tail pipe, 5 seal units, 189 jts of tubing, 3' pup & 4' pup and one full jt on top. Landed @ 8182' KB.
- 8-18-96 **Meas Verde Tubing:** Ran 188 jts (6057') of 1-1/4" 2.33#, J-55 IJ tubing as follows - orange peeled perf nipple on bottom, SN (1.062"ID @ 6055') and 187 jts of tubing. Landed @ 6100' KB.

# WELLBORE DIAGRAM

ROSA UNIT #30

MV/DK

Location: 890' FSL, 920' FEL  
SW/4 SE/4 Section 12, T31N, R6W  
Rio Arriba Co., NM

Elevation = 6490' GR  
KB = 14'

TOPS	DEPTH
OJO ALAMO	2567'
KIRTLAND	2702'
FRUITLAND	3107'
PICTURED CLIFFS	3337'
LEWIS	3637'
CLIFF HOUSE	5542'
MENEFEE	5592'
POINT LOOKOUT	5807'
MANCOS	5962'
GALLUP	6587'
GREENHORN	7857'
GRANEROS	7917'
DAKOTA	8027'

## STIMULATION

Cliff House/Menefee: 5573' - 5796'

80,000# of 20/40 sand in 1766 BBL's of slick water

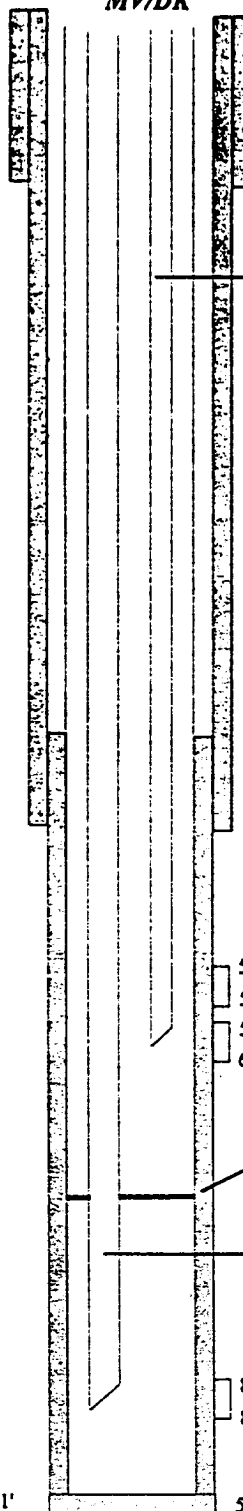
Point Lookout: 5813' - 6154'

80,000# of 20/40 sand in 1951 BBL's of slick water

Dakota: 8065' - 8223'

147,000# of 20/40 Ottawa and 10,000# of super DC resin coated sand in 1196 of 60 qual foam with 30# CMCHPG X-linked with Zirconium

PBTD @ 8251'



10-3/4" 40.5# J-55 @ 318'

188 jts of 1-1/4", 2.33#, J-55, U as follows: orange peeled perforated nipple on bottom, SN (1.062" ID @ 6055') and 187 jts of tubing. Landed @ 6100' KB.

7-5/8" 26.4# K-55 @ 3741'

5573'

5796'

Mesaverde Perforations

5813'

6154'

Model "D" packer @ 6250'

249 jts of 1-1/2", 2.9#, J-55 EUE as follows:  
1/2 mule show on bottom, SN (1.375" ID @ 8148'). 58 jts of tail pipe, 5 seal units, 189 jts of tubing, 3' pup & 4' pup and one full jt. Landed @ 8182' KB.

8065'

Dakota Perforations

8223'

5-1/2" 17# N-80 @ 8275'

HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	220 sx	260 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	840 sx	1544 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	440 sx	612 cu.ft.	3200' (CBL)