

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 interval or to apply for a permit to drill for such proposals

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #164

9. API Well No.
30-039-26151

10. Field and Pool, or Exploratory Area
BLANCO MV

11. County or Parish, State
RIO ARRIBA, NM

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)
1500' FSL & 1310' FEL, NW/4 SE/4 SEC 1-31N-6W

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 DRILLING OPERATIONS

- ☐ 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.)*

5-09-1999 MOL & RU. Drill rat / mouse hole. Spud surface hole @ 0100 hrs. 5/9/99. Drilling @ report time

5-10-1999 TD surface hole with bit #1 (12-1/4", HP-43) at 510'. Circulate and TOH. Ran 12 joints (483.97') of 9-5/8" 36#, K-55, ST&C casing and set at 497' KB. BJ cemented with 300 sx (360 cu.ft.) of CI "B" with 2% CaCl₂ and 1/4# cello-flake/sk. Displaced plug with 35 bbls of water. Plug down at 1600 hrs 5/9/99. Circulated out 10 bbls of cement. WOC. Nipple up BOP and pressure test to 1500# - held OK. TIH with bit #2 (8-3/4", HTC, GTF09)

5-11-1999 Drill out cement & continue drilling new hole w/ bit #2 (8-3/4", HTC, GTF-09C). MD: 1505.65', TVD: 1483', Inc.: 23.700, Az., 274.00, Vertical section: 172.82', BH location 15.85 north & 172.24' west.

5-12-1999 Continue drilling new hole w/ bit #2 (8-3/4", HTC, GTF-09C). MD: 2279', TVD: 2144', Inc.: 33.6, Az., 268.9, Vertical section: 570.73', BH location 22.5 north & 573.2' west, 2.7 degrees/100' of dog leg severity

5-13-1999 Continue drilling new hole w/ bit #2 (8-3/4", HTC, GTF-09C). MD: 2740', TVD: 2530.94', Inc.: 34.1, Az.: 275.1, Vertical section: 822.51', BH location 34.5 north & 821.42' west, .788 degrees/100' of dog leg severity

Continued on reverse side

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date May 28, 1999

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

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.

NMOCD

5-14-1999 TFB #2 @ 3103'. TIH w/ bit #3 (8-3/4", HTC, O9C). Ream 75' back to bottom. Continue drilling new hole w/ bit #3 (8-3/4", HTC, O9C). MD: 3063.15', TVD: 2792.96', Inc.: 31.8, Az.: 277.2, Vertical section: 992', BH location 50 north & 991.2' west, 2.778 degress/100' of dog leg severity

5-15-1999 Drilling ahead with bit #3 (8-3/4", HTC, O9C). MD: 3489', TVD: 3170.44', Inc.: 31.4, Az.: 279.100, Vertical section: 1209.56', BH location 87.21' north & 1201.69' west

5-16-1999 TD intermediate hole at 3881' with bit #3 (8-3/4", HTC, O9C). Circulate hole and start TOH for logs. MD: 3831.51', TVD: 3459.96', Inc.: 33.8, Az.: 268.200, Vertical section: 1391.71', BH location 97.36' north & 1388.56' west

5-17-1999 TOH & lay down directional tools. RU Halliburton & run IND/GR, DEN/NEUT. Logs. TIH. Circulate and condition hole. LDDP and DC's. Change out rams & RU casing crew. Ran 90 jts. (3878.83') of 7", 20#, K-55, ST&C casing and landed at 3881' KB. Float at 3833' KB. Rig up BJ and precede cement with 10 bbls of water and 10 bbls of scavenger cement. Cemented with 510 sx (1060 cu.ft.) of CI "H" 65/35 poz with 8% gel & 2% CaCl₂. Tailed with 255 sx (302 cu.ft.) of CI "H" 50/50 poz with 1/4# celloflake/sk, and 2% CaCl₂. Displaced plug with 154 bbls of water. Plug down at 0200 hrs 5/17/99. Circulated out 35 bbls of cement. ND BOP. Set slips w/ #68,000 and cut off casing. Nipple up BOP's @ report time

5-18-1999 NU bop and change rams. TIH with bit #4 (6-1/4", HTC, STR -09). Pressure test to 1500# - held OK. Drilled float and shoe. Unloaded hole with nitrogen and drilled 86' of new formation. Working pipe. Trying to dry up drill gas line

5-19-1999 Blew water and air from drill gas line. Drilling ahead with bit #4 (6-1/4", HTC, STR -09). Survey at MD = 4426.87', Inc. = 35.5, Az = 275.3, TVD = 3958.38, N = 97.89', E = 1713.62'

5-20-1999 TOH & change BHA. TIH. Blew water and air from drill gas line. Drilling ahead with bit #4 (6-1/4", HTC, STR -09). Survey at MD = 4668', Inc. = 36, Az = 283.30, TVD = 4154, 124' from North & 1851' from East

5-21-1999 TFB #4 (6-1/4", HTC, STR -09) at 4835'. Drilling ahead with bit #5 (6-1/4", HTC, STR -09). Survey at MD = 4732', Inc. = 37, Az = 289.30, TVD = 4205'. At MD = 4870', Inc. = 34.5, Az = 300.30, TVD = 4317, 169.09' north and 1961.02' west

5-22-1999 Drilling ahead with bit #5 (6-1/4", HTC, STR -09). TOH and unplug bit, bit sub, and monel collar. TIH and ream 45' to bottom. MD = 5126', Inc. = 27.0, Az = 311.30, TVD = 4537, 245.09' north and 2066.89' west

5-23-1999 Drilling ahead with bit #5 (6-1/4", HTC, STR -09). Torque converter on rig failed. Lay down 4 joints of drill pipe and circulate waiting on new torque converter. MD = 5219', Inc. = 24.0, Az = 317.30, TVD = 4621, 272.94' north and 2095.95' west. MD = 5314', Inc. = 21.5, Az = 321.30, TVD = 4709, 300.73' north and 2119.58' west. MD = 5410', Inc. = 18.0, Az = 323.30, TVD = 4799, 326.36' north and 2139.45' west

5-24-1999 Drilling ahead with bit #5 (6-1/4", HTC, STR -09). Torque converter on rig failed. Lay down 4 joints of drill pipe and circulate waiting on new torque converter. MD = 5219', Inc. = 24.0, Az = 317.30, TVD = 4621, 272.94' north and 2095.95' west. MD = 5314', Inc. = 21.5, Az = 321.30, TVD = 4709, 300.73' north and 2119.58' west. MD = 5410', Inc. = 18.0, Az = 323.30, TVD = 4799, 326.36' north and 2139.45' west

5-25-1999 Continue drilling with bit #5 (6-1/4", HTC, STR -09). MD = 6136', Inc. = 4.75, Az = 346.30, TVD = 5513, 437.61' north and 2194.65' west. MD = 6261', Inc. = 3.75, Az = 356.30, TVD = 5637, 446.72' north and 2196.14' west. TOH to lay down some drill collars

5-26-1999 TIH and TD well with gas and bit #5 (6-1/4", HTC, STR -09). Circulate hole clean and start TOH. MD = 6517', Inc. = 2.25, Az = 346.00, TVD = 5893, 460' north and 2197' west. MD = 6583', Inc. = 2.50, Az = 353.00, TVD = 5969, 462' north and 2198' west. MD = 6635', Inc. = 2.25, Az = 353.00, TVD = 6011, 464' north and 2198' west. Bottom hole location is 12' inside north boundary of the legal drilling window

5-27-1999 LDDP. RU casing crew and run 76 jts. (2894.25') of 4-1/2", 10.5#, K-55, ST&C casing and TIW 4-1/2"x7" liner hanger on drill pipe and landed at 6635' KB. Latch collar at 6609' KB and marker joint at 5896' KB. Top of liner @ 3741' - 140' of overlap into 7". Rig up BJ. Precede cement w/ 20 bbls of gel and 10 bbls of fresh water. Cement with 95 sx (126 cu.ft.) of CI "B" 50/50 poz with 2% Gel, 0.4% FL52, and 2% CaCl₂. Tailed with 280 sx (378 cu.ft.) of CI "B" 50/50 poz with 2% Gel, 0.4% FL-52, 2% CaCl₂, and 1/4#/sk celloflake. Displaced plug with 72 bbls of water. Plug down at 1300 hrs 5/26/99. Set pack-off and circulate out 15 bbls of cement. Lay down DP and TIW setting tool. ND BOP's. Rig released at 1900 hrs. 5/26/99. Final Report