

In Lieu of
Form 3160
(June 1990)

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

2002 AUG -7
6. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPPLICATE

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

8. Well Name and No.
ROSA UNIT #361

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-26741

3. Address and Telephone No.
PO BOX 3102 MS 25-1, TULSA, OK 74101 (918) 573-6254

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1585' FSL & 2090' FWL, NE/4 SW/4 SEC 16-31N-05W

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 Drilling/Completion

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 Recombination 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.)*

07-15-2002 MIRU. Drill rat and mouse holes. Spud surface hole at 1800 hrs 7/14/02. TD surface hole with bit #1 (12-1/4", HTC, GT-1) at 295'. Circulate and TOOH. Ran 6 jts (271.72') of 9-5/8" 36#, K-55, LT&C csg and set at 286' KB. BJ cemented with 140 sx (180 cu.ft.) of Type III RMS with 2% CaCl₂ and 1/4# cello-flake/sk. Plug down @ 0145 hrs 7/15/02. Circulated 6 bbl's of cement to surface. WOC

07-16-2002 NU BOP's, pressure test casing & BOP's @ 1500#, tested OK. Wait on directional tools. MU bit #2 (8-3/4", HTC, GT-09C). TIH, tag cmt @ 245'. Drill cmt with water. Begin drilling formation with water & polymer. Latest directional survey @ 997', .25 degree, azimuth 220. Drilling @ 1276'

07-17-2002 Drill from 1276' to 2693' with bit # 2(8-3/4", HTC, GT-09C). Latest directional survey @ 2505', .25 degree, azimuth 181. Drilling @ 2693'

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date August 5, 2002

(This space for Federal or State office use)

Approved by _____

Title _____

Date AUG 12 2002

Conditions of approval, if any:

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE
BY JK

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 copies returned
for your disposition

NMOCD

07-18-2002 Drill from 2693' to 3060' with bit #2 (8-3/4", HTC, GT-09C). Circulate & mix bar to control gas kick. Increase mud weight to 10.7 to control kick. TOOH, PU core barrel. TIH. Latest directional survey @ 2900', .25 degree, azimuth 249

07-19-2002 TIH w/ bore barrel. Core from 3060' to 3088' w/ bit #3 (7-7/8", HTC, ARC-325), TOOH. LD core, recovered 28' of core. TIH w/ core barrel. Core from 3088' to 3108' with bit #3 (7-7/8", HTC, ARC-325), TOOH. LD core, recovered 20' of core. MU bit #4 (8-3/4", HTC, GT-09C), TIH. Ream 7-7/8" hole from 3060' to 3108'. Drill from 3108' to 3200'. Circulate & condition hole for logs. TOOH for logs

07-20-2002 RU HLS & log. Rig loggers down. PU 35 jts of 3-1/2" DP, & TIH with 33 stands of 4-1/2" DP. Tag bottom & circulate. RU BJ & pump 310 sx (258 cu ft) Type "H" + .01% CD-32 + .25# Celloflake sk. TOH & LDDP. WOC

07-21-2002 WOC, TIH with bit #4 (8-3/4", Security, S-82). Tag cement @ 2330'. Dress cement to 2520'. TOOH, PU directional tools. MU bit #5 (8-3/4", Security, XS-20). TIH. Orientate tools. Time drill from 2520' to 2524'. Time drilling @ 2524', 1 foot per hour @ report time

07-22-2002 Time drill from 2524' to 2545' w/ bit #5 (8-3/4", Security, XS-20). Increase bit wt & drill to 2569'. Directional tools sending erratic signals. TOH. Repair directional tools. TIH. Wash & ream to bottom. Continue drilling with mud motor from 2569' to 2610. Drilling @ 2610'. Latest directional survey @ 2557', 5.10 degrees, 323 Azimuth

07-23-2002 Drilling with mud motor from 2610' to 2933'. Drilling break from 2933' to 2947'. Gas kick to surface, circulate & mix bar to kill gas kick. Continue drilling from 2947' to 2960'. Drilling @ 2960'. Latest directional survey @ 2904', 33°, 327.5 Azimuth, 107.16' north, -80.59' east

07-24-2002 Drilling w/ mud motor from 2960' to 3073' with bit #5 (8-3/4", Security, XS-20-S). TOOH, MU bit #6 (8-3/4", HTC, GT-09C). Orient directional tools. Replace mud charger pump. TIH, continue drilling from 3073' to 3080'. TOOH to 2450'. Replacing charge pump motor. Latest directional survey @ 3030', 48.60°, 324.60 Azimuth, 173.79' North, -126.89' East

07-25-2002 Replace charge pump motor. TIH, continue drilling from 3080' to 3230' with bit #6 (8-3/4", HTC, GT-09C). TD 8-3/4" hole @ 3230'. Circulate & short trip. Circulate & mix bar pill. LDDP. Latest directional survey @ 3188', 77.70°, 327.4 Azimuth, 288.79' North, -204.26' East

07-26-2002 Finish LDDP & DC's. Change rams & RU csg crew. Ran 70 jts (3216.01') of 7", 20#, K-55, ST&C csg & landed @ 3230' KB. Float @ 3183'. RU BJ & cmt. Lead w/ 425 sx (884 cu.ft.) of Type III 65/35 poz + 8% gel + 1% CaCl₂ + 1/4# celloflake/sk. Tail with 170 sx (238 cu.ft.) of Type III w/ 1/4# celloflake/sk + 1% CaCl₂. Displaced plug with 129 bbls of water. Plug down @ 1230 hrs, 7/25/02. Circulated out 50 bbls of cmt. WOC. ND & set slips 80,000 on 7" slips. Pressure test BOP's & csg to 1500#, held ok. MU bit #7 (6-1/4", HTC, STX-09C). PU & orientate directional tools. PU DP off pipe racks & TIH. Tag cmt @ 3177'. Drill cmt with CaCl water. Drilling cmt @ 3220'

07-27-2002 Drill cement from 3220' to 3230' with bit #7 (6-1/4", HTC, STX-09C). Begin drilling 6-1/4" hole with CaCl water. Drill from 3230' to 3414'. Circulate & displace 10.8# water with 11.4# water. Drill from 3414' to 3984'. Drilling @ 3984'

07-28-2002 Drill with mud motor from 3984' to 5000' with bit #7 (6-1/4", HTC, STX-09C). Circulating @ TD. Last directional survey @ 4955', 88.20°, 321.90 Azimuth, 3092' TVD

07-29-2002 TOOH, RU csg crew & run csg. Ran 62 jts (2558.59') of 4-1/2", 10.5#, K-55, ST&C csg & TIW liner hanger on drill pipe, landed @ 5000' KB. Top of liner at 2441.41' - 789' of overlap into 7" csg. LDDP, NU tbg head, pressure test tbg head to 1700#, tested OK. RU & run 77 jts of 2-3/8", 4.70#, J-55 tbg, landed @ 2431' KB. NU wellhead. Displace 11.0# water with fresh water, hole flowing back to pit. Release rig @ 0400 hrs 7/29/02. Turn well to production department