

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

NOV 5 PM 2:23
OPO FARMINGTON, NM

SUBMIT IN TRIPPLICATE

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)
2548' FSL & 2066' FWL, NE/4 SW/4, SEC 30 T31N R4W

5. Lease Designation and Serial No.
SF-078774

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #315

9. API Well No.
30-039-25219

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 Sidetrack Complete

- ☐ 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.)*

10-03-1999 MIRU service unit. NDWH, NU BOP equipment. Place 2 7/8" tubing on racks and tally. RU floor to run 2 7/8" tubing. Pressure test BOP equipment and choke manifold to 500 psi with rig pump. Test OK. PU retrieving tool and 2 7/8" tubing and TIH

10-04-1999 TOOH with bridge plug, well started kicking. Let well blow down. Finish TOOH with bridge plug. TIH with a cement retainer. Set retainer at 3270'. RU and establish a rate of 2 bpm at 1200 psi. Pump 50 sks, class H cement below retainer. Spot 50 sks class H cement on top of retainer. Pull 9 stands and reverse circulate tubing clean. TOOH with tubing. RU, pressure test casing to 1200 psi. test OK. ND BOP equipment. ND "B" section. Spear casing, pull casing slips. RU wire line and run free point tools. Free point shows casing to be free at 500'. Run a chemical cutter to 500'. Had miss fire on cutter, did not cut the casing. Tool hung up. Pulled out of the rope socket. Wait on fishing tools to come from town. PU over shot and trip in hole to 500'. Latch onto cutter. Work cutter free. TOOH with fishing tools and fish. LD fishing tools. Break out the fish. Chemical cutter did not fire and was still a hot tool

10-05-1999 Spear into 5 1/2" csg. Run a jet cutter on wire line to 505'. Cut csg at 505'. RD wire line truck. Pull csg. LD csg spear & 12 joints of 5 1/2" csg. NU 10" BOP stack and related BOP equipment. LD 2 7/8" tbg from derrick. TIH to 545' with 2 7/8" tbg. RU BJ and pump 50 sacks class H, 1% CaCl2, 35% silica flour for a kick off plug. Spot cement for 300' to 545'. WOC for 24 hrs. LD last 17 jts of 2 7/8" tbg. Work to prepare rig for drilling

Continued on Back

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst

Date November 2, 1999

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

NOV 18 1999

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.

NMOCB

ADMINISTRATIVE OFFICE

10-06-1999 Wait on cement 24 hrs. PU 7-7/8" bit and 10-5" drill collars. TIH, tag cement at 327'. Dress off cement kick off plug from 327' to 411'. Firm cement. Drilled off at 3' per min. TOOH w/ bit. PU mud motor and bit. PU MWD and the rest of the directional tools and TIH

10-07-1999 TOOH due to plugged bit. Unplug bit and TIH with directional tools. Work on rig pump. Establish pump rate and test MWD equipment. Time drill to kick off of cement plug. Drill from 411' to 432'. All cutting samples show 100% cement

10-08-1999 Time drill to kick off of cmt plug. Drill from 432' to 834'. Build angle to 7 degrees. Drill from 834' to 1143'. Holding angle of 7°

10-09-1999 Drill from 1143' to 1710'. Holding 7° angle and 180° azimuth. Work stuck pipe. Regain circulation and work pipe free. Drill from 1710' to 1790' Holding 7° angle and 180° azimuth

10-10-1999 Drill from 1790' to 2500'. Holding 7° angle and 180° azimuth. Drill from 411' to 2500'

10-11-1999 Drill from 2500' to 2791'. Holding 7° angle and 180° azimuth. Circulate and condition hole for trip. TOOH for MWD tool. Hac tight spot at 2355'. Circulate and work tight spot. Finish TOOH for MWD. PU new MWD and test MWD. PU new bit and TIH to 2574'. LD 7 joints drill pipe. Work through tight spot at 2574'. Wash last 217' to bottom. Drill from 2791' to 2805' holding 7° angle and 180° azimuth. Drill from 411' to 2791'. Last survey at: 2718', 6.1°, TVD 2702, VS 256.51, N/S 256.51s, 3.26 e, DLS 0.56, Build -0.3, Walk 4.2

10-12-1999 Drill from 2805' to 3265'. Drop angle from 7° to vertical. Drill from 2791' to 3265'

10-13-1999 Drill from 3265' to 3580'. Total depth. Circulate and condition hole. Short trip 10 stands. Circulate and condition hole. TOOH for logs. Wait on Schlumberger. Did not have the right head connection to pack off lubricator. TIH to condition, tag bridge at 1700'. Wash through bridges at 1700', 2520' and had to wash last 195' to bottom, from 3385' to 3580'. Circulate and condition hole. TOOH to 3460', very tight hole. TIH to bottom, circulate and condition hole

10-14-1999 TOOH, tight from 3378' up to 3164'. Wash & ream to bottom from 3164' to 3580'. Circ & cond hole. Short trip, tight hole @ 3050'. Stuck pipe at 3050'. Work pipe, unable to free up. Rig up back off truck. Run free point tools. Free point shows pipe stuck at 2730'. Right above drill collars. Run back off shot. Had movement with drill pipe. Pull back off shot (did not fire back off shot). Worked pipe. Pull from 3050' up to 2960'

10-15-1999 Work stuck pipe. Moved up hole 90'. Stuck solid at 2550'. Run free point tools. Shows pipe stuck at 2620'. Run back off shot and back off at 2612'. Left 7 drill collars, bit sub and bit in hole. Circulate above fish. TOOH, clean mud pits. Prepare to mix mud. PU 7-7/8" bit and 8 new drill collars. Mix mud and build volume. TIH, tag bridge at 835'. Wash and ream from 835' to 1030'. TIH, tag bridge at 2515'. Wash and ream from 2515' to 2575'. Circulate and condition hole. 30' above fish. Want to get mud and hole in good condition prior to fishing

10-16-1999 Circulate and condition hole 36' above fish. TIH & tag fish @ 2612'. Circ & condition hole 5' above fish. TOOH w/ 3-1/2" DP, 4-3/4" x 2-1/4" DC's, bit-sub & 7-7/8" bit. PU fishing tools: screw-in sub, bumper-sub, jar, DC's and intensifier. TIH w/ fishing tools on 3-1/2" DP. PU swivel & circ above fish. Screw into fish @ 2612', work fish for 5-1/2-Hrs & pulled fish to 2605'. RU Weatherford W/L, made spud bar run. RIH w/ string shot & back-off pipe @ 2605'. Circ hole prior to TOOH. TOOH w/ 3-1/2" DP & fishing tools (full recovery). PU fishing tools: 7-3/8" wash-over shoe on 1-Jt 6-1/2" wash-over pipe, incomplete

10-17-1999 Cont. TIH w/ 7-3/8" wash-over shoe on 7-Jts 6-1/2" wash-over pipe on 3-1/2" DP, CO bridges from 820 – 1840', hole tight. TOOH to 810', circ hole. Cont. TOOH w/ DP, DC's, jars, 7-Jts wash-over pipe & 7-3/8" wash-over shoe. TIH w/ 7-7/8" bit, 2 - 7-7/8" Drilco 3-pt. roller reamers, 4-3/4" DC's on 3-1/2" DP to 810', ream hole from 810-934', incomplete

10-18-1999 Ream from 934' to 2605'. Top of fish

10-19-1999 TOOH, LD reamers. TIH with wash pipe to top of fish at 2605'. Wash over fish from 2605' to 2820'. Circulate and condition hole. TOOH with wash pipe. Stand back wash pipe. PU fishing tools (screw in sub, bumper sub, jars and accelerator). TIH to top of fish at 2605'. Screw into fish and jar fish free. TOOH, LD fishing tools. LD fish (7- 5" drill collars, bit sub and bit).

10-20-1999 Transfer mud and pull reserve pit. TIH with bit to 2605'. Circulate and condition hole with mud. Displace mud out of the hole with fresh water. (store mud in frac tank) Clean mud pits and fill with fresh water. Wash and ream from 2605' to 2855' with fresh water. Hole was very sticky at 2855'. Stuck pipe at 2855'. Work pipe whole waiting for fishing tools. Worked pipe free. Pull up to 2762'. Displace fresh water out of the hole with mud. Circulate and condition hole with mud. Wash and ream from 2762' to 2950' with mud

10-21-1999 Wash and ream from 2950' to 3580', TD. Circulate and condition hole with mud. Short trip out with 20 stands to 2340'. TIH to bottom at 3580'. Hole in good shape. Circulate and condition hole with mud. TOOH for casing. Lay down 3 1/2" drill pipe. PU swivel and pull 9 joints to 740'. Very tight from 1030' to 900'. Wash and ream hole from 740' to 1051'. PU 3 1/2" drill pipe and TIH

10-22-1999 PU 3 1/2" drill pipe and TIH. Wash and ream from 3553' to 3580'. Circulate and condition hole. Short trip 20 stds to 2340'. Had no drag and only 6' of fill. Circulate and condition hole. TOOH, LD 3 1/2" drill pipe. RU casing crew. PU & run 80 joints of 5 1/2", 17#, N-80, LT&C casing. Land at 3573'. DV tool at 3077'. Circulate csg and condition hole for cement. RU BJ & cmt csg w/ 165 sks class "H", 0.8% BA-10, 3% CaCl2, 0.35% CD-32 and 6 1/4 #/sk gilsonite at 15.1 #/gal. Plug down at 05:15 hrs. Float held. Drop bomb and open DV tool

10-23-1999 Circulate casing through DV tool. Cement second stage with 332 sacks Type III, 35/65 poz, 8% gel, 1% CaCl2, .25 #/sk celloflake for lead and 50 sacks class "H", 1% CaCl2, .25 #/sk celloflake for tail. Had good circulation during job. Did not circulate any cement to surface. Plug down at 10:45 hrs 10/22/99. Float held. ND BOP equipment. Set slips with 60K. Clean mud pits. Rig down service unit. Rig released @ 1900 hrs 10/22/99. Last 30 BBLS of displacement was mud, unable to continue with water due to plugged suction on water tank. This will need to be circulated out upon completion