

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-078766

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 #185A

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-045-30103

3. Address and Telephone No.
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2144' FSL & 368' FEL, NE/4 SE/4 SEC 17-31N-05W (Surface)

11. County or Parish, State
SAN JUAN, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

X Subsequent Report

Final Abandonment

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 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.)*

7-10-2000 Move onto location and rig up. Mix mud. Drill pilot hole (boulders) w/ bit #1 (12-1/4", DSJ, RT). Drill rat & mouse hole. Spud surface hole at 2100 hrs 7/9/00 w/ bit #2 (14-3/4", STC, RT). Drilling at report time

7-11-2000 TD surface hole with bit #2 (14-1/4", STC, RT) at 530'. Circulate and TOH. Ran 12 joints (509.10') of 10-3/4", 40.50#, K-55, ST&C casing and set at 524' KB. BJ cemented with 420 sx (583 cu.ft.) of Type III with 2% CaCl₂ and 1/4# cello-flake/sk. Displaced plug with 50 bbls of water. Plug down at 2100 hrs 7/10/00. Circulated out 25 bbls of cement. Cement job witnessed by J. Sanchez w/ BLM. WOC. Nipple up BOP'S

7-12-2000 Nipple up BOP'S. Pressure test BOP, casing, choke manifold & related surface equipment to 1500# - held OK. Re-drill mouse hole (18' of boulders). Make up and orientate directional tools. TIH. Tag up on cement at 445'. Break circulation & drill out cement. Drilling ahead w/ bit #3 (9-7/8", HTC, MX20)

7-13-2000 Drilled to 2120' w/ bit #3 (9-7/8", HTC, MX20). Pulled tight connection, worked pipe for approx. 1 hr. Pumped polymer sweeps but hole still tight. Mixed mud, brought viscosity up to 34 and continued drilling. Drilling ahead at report time

Continued on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date July 26, 2000

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date NOV 01 2000

Conditions of approval, if any:

FARMINGTON FIELD OFFICE

7-14-2000 Trip for bit #3 (9-7/8", HTC, MX20) at 2465' (ROP had slowed to less than 30 fph and motor kept stalling). Pulled tight thru 2150' – 2000' on way out. Change out bits & re-drill mouse hole. TIH w/ bit #4 (9-7/8", HTC, GTS09C). Wash & ream to bottom (hit several bridges on way in). Drilling ahead at report time. ROP approx. 40 – 45 fph

7-15-2000 Drilling ahead w/ bit #4 (9-7/8", HTC, GTS09C). Latest directional survey at 3281': Incl. 22.8, Azim. 131.20, TVD 3120.33', Northing 548.61S, Easting 643.69, Vert. Section 845.63', Dogleg Rate 2.08

7-16-2000 Drilling ahead w/ bit #4 (9-7/8", HTC, GTS09C). Latest directional survey at 3905': Incl. 21.6, Azim. 132.80, TVD 3696.75', Northing 703.16 S, Easting 825.63, Vert. Section 1084.33', Dogleg Rate 2.01

7-17-2000 Trip for bit #4 (9-7/8", HTC, GTS09C) at 4021'. ROP had slowed to less than 30 fph. Change out bits & orientate directional tools. TIH w/ bit #5 (9-7/8", HTC, GPS05). Wash & ream to bottom. Drilling ahead at report time. ROP when rotating: 40 to 45 fph

7-18-2000 Drilling ahead w/ bit #5 (9-7/8", HTC, GPS05). Pumps maxed out. Pumping 20 – 25 bbl high visc. sweeps to help clean hole. Latest directional survey at 5024': Incl. 13.20, Azim. 130.40, TVD 4748.03, Northing 958.21 S, Easting 1106.71 E, Vertical Section 1463.43, Dogleg rate 1.71

7-19-2000 TD intermediate hole w/ bit #5 (9-7/8", HTC, GPS05) at 5268'. Circulate & condition mud at TD. Pull short trip – 69 stds. 1st 20 stds pulled tight. Wash & ream 180' to bottom. Circulate & condition mud at TD. LDDP, HWDP, DC's & directional tools. No tight spots on lay down. Change out rams & rig up casing crew. Running 7-5/8" casing at report time. Last directional survey at 5267': Incl. 10.20, Azim. 131.40, TVD 4985.29, Northing 992.82 S, Easting 1146.09 E, Vertical Section 1515.84, Dogleg rate 3.82

7-20-2000 Ran 117 jts. (5252.52') 7-5/8", 26.40#, K-55, ST&C casing and landed at 5276' KB. Insert float at 5222' KB. Circulate casing to bottom. Rig up BJ, precede cement with 20 bbls of water and 10 bbls of scavenger cement. Cemented with 620 sx (1296 cu.ft.) of Type III 65/35 poz with 8% gel, 1% CaCl₂ and 1/4# celloflake/sk. Tailed with 525 sx (1001 cu.ft.) of Type III with 1/4# celloflake/sk and 1% CaCl₂. Displaced plug with 249 bbls of water. Plug down at 1130 hrs 7/19/00. Circulated out 45 bbls of cement to surface before losing circulation. Note: lost circulation 125 bbls into displacement – varied pump rate & reciprocated pipe but unable to re-establish circulation. ND BOP & set slips. (Cement had set up in BOP – had hard time setting slips). NU BOP & blooie line. Pressure test BOP's, rams, choke manifold & casing to 1500# - held OK. TIH w/ bit #6 (6-3/4", H41R6R2). TIH at report time

7-21-2000 Finish TIH. Unloaded hole 1/2 way in. Tag up on cement at 5212'. Unload hole & drill out cement. Drill approx. 20 ft. of new formation & blow well to dust. Drill to 5494' and hammer bit quit drilling. TOOH. Found broken piston inside hammer. Change out hammers & TIH. Dry out hole and continue drilling. Drilling ahead at report time approx. 60 fph

7-22-2000 Drilled to 5679' when hammer started to torque up. Drill string became unscrewed. Rotated back into string. Blow hole & TOH (chain out). Found std. #80 had unscrewed. Continued out of hole & checked hammer & bit – looked OK. TIH. Drilled to 6426' (ROP – approx. 90 fph). Lost compressor (caught on fire). Pull up into shoe & wait on replacement compressor

7-23-2000 Replace air compressor & TIH. Break circulation & continue drilling. At 8088', RU BJ Energy services and switch from air to nitrogen. Drilling ahead at report time at approx. 90 fph

7-24-2000 Drilled to 8241' and hammer bit quit working. Called for loggers. Circulate & TOH for string floats. RD & release BJ Services (nitrogen). TIH & run survey at 8190'. TOH for logs. RU Halliburton. Run IND/GR from 8241' to intermediated casing. Run DEN/NEUT logs across Mesaverde interval only. Determine that top of Dakota is 8241'. TIH w/ bit #7 (6-3/4", HTC, STR44). Break circulation & continue drilling. Plan to drill approx. 130' (top Dakota sands). Drilling ahead at report time

7-25-2000 TD well w/ bit #7 (6-3/4", HTC, STR44). Circulate. LDDP & DC's. RU San Juan casing & ran 185 jts. (8356.66') of 5-1/2", 17#, N-80, LT&C casing and landed at 8371' KB. Latch collar at 8347' and marker joints are at 7886' KB and 5585' KB'. Rig up BJ and cement with 185 sx (255 cu.ft.) of CI "H" 50/50 poz with 4% gel, 2% kcl, 0.2 CD 32, 4.0% Phenoseal, 0.6% FL-50 & 1/4#/sx celloflake. Tailed with 100 sx (150 cu.ft.) of CI "H" with 35% silica flour, 1/4# celloflake/sk, 1.5% FL-62, 0.3% CD-32, 0.2% A-2. Displaced plug with 194 bbls of water. Plug down at 2200 hrs 7/24/00. Float held OK. RD BJ Services. ND BOP. Set slips with 110,000# & cut off casing. Set wellhead and released rig at 04:30 hrs 7/25/00