

Submit 3 Copies  
To Appropriate  
District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT II  
811 South First, Artesia NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-045-30102

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.  
120782

7. Lease Name or Unit Agreement  
Name:

ROSA UNIT

8. Well No.

25A

9. Pool name or Wildcat

BLANCO MV

**SUNDRY NOTICES AND REPORTS ON WELLS**

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other ☐

2. Name of Operator

WILLIAMS PRODUCTION COMPANY

3. Address of Operator

P O BOX 3102, MS 37-2, TULSA, OK 74101

4. Well Location (Surface)

Unit letter G : 1765 feet from the NORTH line & 1930 feet from the EAST line Sec 16-31N-06W SAN JUAN, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6330' GR

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

PERFORM REMEDIAL  
WORK

PLUG AND ABANDON

REMEDIAL WORK

ALTERING CASING

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS.

PLUG AND  
ABANDONMENT

PULL OR ALTER CASING

CASING TEST AND CEMENT JOB X

OTHER:

OTHER:

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

6-25-2000 MIRU. Drill rat and mouse holes. Spud surface hole at 2030 hrs. 6/24/00. Trip for bit #1 (12-1/4", SEC, 54TJ) at 70'. TIH with bit #2 (12-1/4", RTC, LCH). Drilling ahead

6-26-2000 TD surface hole with bit #2 (12-1/4", HTC, LCH) at 526'. Circulate and TOOH. Ran 11 joints (506.03') of 9-5/8" 36#, K-55, LT&C casing and set at 521' KB. BJ cemented with 215 sx (303 cu.ft.) of Type III RMS with 2% CaCl<sub>2</sub> and 1/4# cello-flake/sk. Displaced plug with 37.5 bbls of water. Plug down at 1030 hrs 6/25/00. Circulated out 25 bbls of cement. WOC. Nipple up BOP and pressure test to 1500 psi - held OK. Pick up bit #3 (8-3/4", HTC, GT09C) on downhole motor and directional tools. Drill cement and new formation with water and polymer. Last directional survey at 863.32': Inc. - 10, Azim. - 101.4, Vert. Depth - 861.18', Northing - 28.84 S, Easting, 14.18 E, Vert. Sect. 19.92, Dogleg Rate - 2.98

Continued on Back

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tracy Ross TITLE: PRODUCTION ANALYST DATE: July 10, 2000

Type or print name TRACY ROSS Telephone No: (918) 573-6254

(This space for State use)

APPROVED

BY [Signature] TITLE

MINISTRY OIL & GAS INSPECTOR, DIST. I

JUL 13 2000  
DATE

Conditions of approval, if any:

Report Cement To RS

6-27-2000 Drilling ahead with bit #3 (8-3/4", HTC, GT09C) & water & polymer. Last directional survey at 2196.72': Inc. - 42.5, Azim. - 103.5, Vert. Depth - 2003.04', Northing - 137.03 S, Easting, 645.64 E, Vert. Sect. 660.02, Dogleg Rate - .73

6-28-2000 Trip for bit #3 (8-3/4", HTC, GT09C) @ 2900'. Brought visc up to 35 & circulated hole w/ mud before trip. Changed out motors & re-orientate directional tools. TIH w/ bit #4 (8-3/4", SEC, FM2645). Had rig motor trouble while TIH. Pulled back up into surface casing and called for mechanic. Dropped motor valve, shut down until 12:00 pm today. Still holding a 42.5° angle at an Azimuth of - 102° at 2900' MD

6-29-2000 Lost valve on motor - change out head. TIH. Tag up at approx. 2055'. Wash & ream to bottom. Made 40' w/ bit #4 (8-3/4", SEC, FM2645) in 3 hrs. Tried increasing WOB from 5K to 30K - mud motor would stall out @ 30K. Increased surface RPM's from 20 to 50 but still could not get ROP above 10 fph. Trip for bit at 2940'. Change out bits & mud motor. Note: PDC bit (bit #4) looked good - gauge waffers showed some wear but overall bit still looked brand new. Orientate directional tools & TIH. TIH w/ bit #5 (8-3/4", HTC, GTS09C). Last directional survey at 2848.16': Inc. - 40.7, Azim. - 102.2, Vert. Depth - 2491.05', Northing - 227.01 S, Easting, 1067.63 E, Vert. Sect. 1091.49, Dogleg Rate - 1.30

6-30-2000 Finish TIH w/ bit #5 (8-3/4", HTC, GTS09C). Drilling ahead at report time. Note: while circulating in the Kirtland formation before installing rotating head - the hole caved in and temporarily stuck drilling string. Found free spot & re-established circulation then worked pipe free. Brought viscosity up and have not had any other hole problems since except for the gas kicks in the Pictured Cliffs formation. Last directional survey at 3678.39': Inc. - 39.7, Azim. - 103.6, Vert. Depth - 3130.76', Northing - 338.88 S, Easting, 1599.05 E, Vert. Sect. 1634.56, Dogleg Rate - 1.14

7-01-2000 Drilled w/ bit #5 (8-3/4", HTC, GTS09C) to 4270' when lost air clutch that powers rotary table. TOH (chain out). Wait on mechanic at report time. Last directional survey at 4156.33': Inc. - 39.6, Azim. - 100.5, Vert. Depth - 3488.69', Northing - 401.55 S, Easting, 1895.41 E, Vert. Sect. 1937.41, Dogleg Rate - 1.16

7-02-2000 Repair air clutch for rotary table. Had to remove drive shaft & bearing assembly for air clutch & haul to town to be re-machined. Installing air clutch at report time

7-03-2000 Finish repair on air clutch for rotary table. TIH w/ bit #6 (8-3/4", HTC, GTS09C). Stopped at approx. 2200' & broke circulate. Circulate out gas & condition mud. Continue TIH. Hit bridge at approx. 4090'. Wash & ream to bottom. Drilling ahead at report time @ approx. 40 fph. Last directional survey at 4624.47': Inc. - 38.3, Azim. - 107.1, Vert. Depth - 3852.76, Northing - 464.82 S, Easting - 2182.59 E, Vert. Sect. - 2231.54, Dogleg rate - 1.65

7-04-2000 Drilling ahead w/ bit #6 (8-3/4", HTC, GTS09C). ROP - approx. 35 fph. Last directional survey at 5370.26': Inc. - 22.3, Azim. - 102.00, Vert. Depth - 4486.11, Northing - 565.84 S, Easting - 2555.23 E, Vert. Sect. - 2617.08, Dogleg rate - 2.59

7-05-2000 TD intermediate hole @ 5702' w/ bit #6 (8-3/4", HTC, GTS09C) @ 1800 hrs 7/4/00. Raise viscosity & circulate hole. Pull short trip to HWDP - 1226'. Had to wash & ream last 250' to bottom. Circulate & condition hole. LDDP @ report time. Last directional survey at 5702.64': Inc. - 14.8, Azim. - 100.30, Vert. Depth - 4789.01, Northing - 2348.14 S, Easting - 723.57 E, Vert. Sect. - 2722.39, Dogleg rate - 1.73

7-06-2000 Finish LDDP and BHA. Change out rams and rig up casing crew. Ran 123 jts. (5686.25') of 7", 20#, K-55, ST&C casing and landed at 5701' KB. Insert float at 5653' KB. Circulate hole w/ casing on bottom. Rig up BJ and precede cement with 20 bbls of water and 10 bbls of scavenger cement. Cemented with 450 sx (941 cu.ft.) of Type III 65/35 poz with 8% gel, 1% CaCl<sub>2</sub> and 1/4# celloflake/sk. Tailed with 525 sx (730 cu.ft.) of Type III with 1/4# celloflake/sk and 1% CaCl<sub>2</sub>. Displaced plug with 228 bbls of water. Plug down at 1815 hrs 7/5/00. Circulated out 0 bbls of cement. Lost circulation 160 bbls into displacement - varied pump rate but unable to re-establish circulation. Note: had fluid inside BOP after SD pumps. ND BOP & set slips w/ 114,000#. NU BOP & blooie line. Pressure test BOP's, rams, choke manifold & casing to 1500# - held OK. TIH w/ bit #7 (6-1/4", SEC, XS20). TIH at report time

7-07-2000 Finish PU DP & TIH w/ bit #7 (6-1/4", SEC, XS20). Tag up on cement. Unload hole w/ air. Drill out cement w/ air & mist. Dry out hole and start drilling new formation. Well dusting @ 1700 hrs 7/7/00. Drilled to 6150' & lost bearings on rotary shaft. TOH into 7" casing & called for mechanic. Changing out bearings at report time

7-08-2000 Finish repair on rotary shaft. TIH. Drill & survey to 6876' (TD). TD well @ 20:30 hrs 7/7/00. Circulate & survey at TD. TOH standing back 92 stds. LD DP & DC's. Rig up casing crew and run 29 jts. (1298.45') 4-1/2", 10.5#, K-55, ST&C casing and TIW 4-1/2"x 7" liner hanger on drill pipe and landed at 6875' KB. Latch collar at 6850' KB and marker joint at 6132' KB. Top of liner at 5577' KB - 125' of overlap into 7". RU BJ Services at report time

7-09-2000 Rig up BJ Services. Hold safety meeting. Cement with 50 sx (73 cu.ft.) of CI "H" 50/50 poz w/ 4% Gel, 1% CaCl<sub>2</sub>, and 0.4% FL-52. Tailed with 110 sx (161 cu.ft.) of CI "H" 50/50 poz with 4% Gel, 1% CaCl<sub>2</sub>, 0.4% FL-52, 1/4# sk celloflake and 4% Phenoseal. Displaced plug with 62 bbls of water. Plug down at 0700 hrs 7/8/00. Set pack-off and circulate out 14 bbls of cement. Lay down DP and TIW setting tool. ND BOP's. Rig released at 1400 hrs 7/8/00