

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Form C-103

Revised 1-1-89

OIL CONSERVATION DIVISION

1000 BRAZOS RD.  
AZTEC, NM 87410

Submit 3 copies to  
Appropriate District Office

DISTRICT 1

P O Box 1980, Hobbs, NM 88240

DISTRICT 2

P O Drawer DD, Artesia, NM 88210

DISTRICT 3

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-045-29477

5. Indicate Type of Lease **STATE** ☒ FEE ☐

6. State Oil & Gas Lease No. E-504

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)

7. Lease Name or Unit Agreement Name

ROSA UNIT

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

8. Well No. 338

3. Address of Operator  
P O BOX 3102, TULSA, OK 74101

9. Pool Name or Wildcat BASIN FRUITLAND COAL 71629

4. Well Location  
Unit Letter L : 1535 Feet From The S Line and 1295 Feet From The W Line  
Section 32 Township 32N Range 6W NMPM SAN JUAN COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.): 6263' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☐

REMEDIAL WORK ☐  
COMMENCE DRILLING OPINIONS ☐  
CASING TEST AND CEMENT JOB ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐  
OTHER COMPLETION OPERATIONS ☒

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.

10/08/1997 Surging well w/ air to 1500#, occasionally supplement air w/ 15-bbls of water to increase pressure to 1900#, release pressure thru blooey lines, recovering gas, water and light coal.

10/09/1997 Surging well w/ air to 1500#, occasionally supplement air w/ 15-bbls of water to increase pressure to 1900#, release pressure thru blooey lines, recovering gas, water and light coal. Coal volume and fragment size increasing with time to "light/medium" coal.

10/10/1997 Surging well naturally to 890#, recovering light coal and water.

10/11/1997 CO coal fill in well from 2937 - 68' w/ air and mist @ 350#, recovering gas, medium water and heavy coal. TIH and tag coal fill @ 2984', continue to CO coal from 2984 - 99' w/ air and mist @ 350 - 400#, recovering gas, medium water and heavy coal.

Continued on side 2

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

SIGNATURE Susan GriguHN

TITLE CLERK

DATE October 28, 1997

TYPE OR PRINT NAME SUSAN GRIGUHN

TELEPHONE NO. 918/561-6254

(This space for State Use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

10/12/1997 CO coal fill in well from 2968 - 99' w/ air and mist @ 1800 SCF/M & 350-400#.

10/13/1997 CO coal fill in well from 2968' to 3009' (TD) w/ air and mist @ 350#, recovering gas, light water and coal. TOH to 2810', perform Pitot test for 1-Hr and pressure build-up for 4-Hrs. Bled well down.

10/14/1997 Surging well naturally. SI well for 1-1/2 to 2 Hrs building pressure to 900#, open HCR valves and release pressure to flare pit through blooey lines, recovering gas, light water and coal fines.

10/15/1997 TIH & tag bridge @ 2921', CO bridge w/ air & mist, continue TIH & tag coal fill @ 2974', CO coal from 2974-3009' (TD) w/ air and mist, recovering gas, light water and light coal. Dry hole w/ air for 2-Hrs. TOH to 2810', perform Pitot test for 1-Hr and pressure build-up for 2-Hrs.

10/16/1997 Surging well air, pressuring to 950 - 1000# in 1/2 - Hr, then open HCR valves and release pressure to flare pit through blooey lines, recovering gas, light water and coal fines. Surging well naturally, pressuring to 900# in 2-Hrs, then open HCR valves and release pressure to flare pit through blooey lines, recovering gas, light water and light to medium coal.

10/17/1997 TIH and tag bridges at 2813' and 2905', CO w/ air and mist (0.05 Gal Soap/Bbl) @ 1800 SCF/M & 400#. Continue CO from 2905'; to 2983' w/ air and mist (0.05 Gal Soap/Bbl) @ 1800 SCF/M & 350 - 400#, recovering gas, light water and light to medium coal.

10/18/1997 CO from 2953' to 2983' w/ air and mist (0.05 Gal Soap/Bbl) @ 1800 SCF/M & 350-400#, recovering gas, light water and light coal. Continue CO from 2953' to 2983' w/ air and mist (increasing soap to 0.15 Gal Soap/Bbl) @ 1800 SCF/M & 350 - 400#.

10/19/1997 CO from 2953' to 2983' w/ air and mist (0.15 Gal Soap/Bbl) @ 1800 SCF/M & 350-400#, recovering gas, light water and heavy coal. Make connection w/ 3-1/2" 13.30# Gr 'E' DP, continue CO from 2983' to 3009' (TD) w/ air and mist (0.15 Gal Soap/Bbl) @ 1800 SCF/M & 350 - 400#, recovering gas, light water and heavy coal, kelly pressure increasing & dragging weight thru section, lay down 1-Jt 3-1/2" 13.30# Gr 'E' DP.

10/20/1997 CO from 2953' to 2983' w/ air and mist (15 BPH + 0.15 Gal Soap/Bbl) @ 1800 SCF/M & 350-400#. Make connection w/ 3-1/2" 13.30# Gr 'E' DP. CO from 2983' to 3009' (TD) w/ air and mist (0.20 Gal Soap/Bbl) @ 1800 SCF/M & 350#, recovering gas, light water and heavy coal.

10/21/1997 CO from 2983' to 3009' w/ air and mist @ 1800 SCF/M and 300#, recovering gas, light water and heavy coal. Blow well dry w/ air. TOOH to 2810', perform Pitot test for 1-Hr and pressure build-up for 4-1/2 Hrs. Bled well down. TIH & tag fill @ 2989', 20' of coal fill. CO from 2989' to 3009' (TD) w/ air and mist @ 1800 SCF/M & 400 - 300#, recovering gas, light water, and heavy coal.

10/22/1997 CO from 2983' to 3009' (TD) w/ air and mist (15 BPH + 0.20 Gal Soap/Bbl) @ 1800 SCF/M & 300#, recovering gas, light water and heavy coal. TOOH to 2810', into Csg shoe. Flow well to flare pit, recovering gas, light water and medium coal. TIH & tag bridge @ 2937', CO bridge w/ air & mist, continue TIH and tag fill @ 2989', 20' of coal fill. CO fill from 2989' to 3009' (TD) w/ air and mist (15 BPH + 0.20 Gal Soap/Bbl) @ 1800 SCF/M & 300#, recovering gas, light water and heavy coal.

10/23/1997 Continue CO from 2983' to 3009'. TOOH to 2810'. TIH & tag bridge @ 2937', CO bridge w/ air and mist, continue TIH and tag fill @ 2989', 20' of coal fill. CO from 2989' to 3009'. TOOH to 2810'. Flow well to pit, recovering gas, light water and light coal. TIH & tag bridge @ 2933', CO bridge w/ air & mist, continue TIH & tag fill @ 2994'. CO fill from 2989 to 3009' w/ air & mist (15 BPH + 0.15 Gal Soap/Bbl) @ 1800 SCF/M & 300#, recovering gas, light water and light coal. (Fill not solid as previous). Blow well dry w/ air. TOOH w/ DP & DC's laying down.

10/24/1997 TOH laying down DC's. Change pipe rams to run 5-1/2" liner. RIH w/ guide shoe, 6-Jts 5-1/2" 15.5-# K-55 (269.64') ST&C casing, TIW Model JGS mechanical liner hanger (w/o pack-off), liner setting tool, on 3-1/2" DP. TIH and tagged 15' of coal fill @ 2994'. CO fill from 2994' to 3009' (TD) w/ air and mist. PU and set liner w/ btm @ 3007.5', and top of hanger @ 2732.5'. TOH laying down 89 jts 3-1/2" DP and liner setting tool. RU Bluejet Wireline and RIH w/ 3-1/8" gun and perforate Fruitland Coal w/ 0.38" holes @ 4 SPF from 2880-2906' (26', 104 Holes) and 2950-3006.5' (56.5', 232-Holes, 1.5' of 8 SPF from 2990-2991.5') in 5-runs. TOTAL: 82.5', 336 Holes. Bled well down to flare pit. TIH w/ expendable check, 1-Jt 2-7/8" 6.5# J-55 EUE 8rd tbg (32.40'), 'F' Nipple (ID 2.350"), and 94-Jts 2-7/8" 6.5# J-55 EUE 8rd tbg (2930.24'), land tubing hanger in tubing head, run-in lock-downs. End of tubing @ 2979', 'F' nipple @ 2946'. ND 7" BOP stakc and blooey lines. NU 2-9/16" 5M master valve and 2-1/16" 5M wing valve. Pump 5-Bbls wtr in tbg, drop ball, pressure up on tubing to pump out expendable check. Rig released