

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	30-045-29594
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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.
339

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

9. Pool Name or Wildcat
BASIN FRUITLAND COAL

4. Well Location
Unit Letter A : 1135 Feet From The NORTH Line and 1075 Feet From The EAST Line
Section 32 Township 32N Range 6W NMPM SAN JUAN COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6577' 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 OPERATIONS ☐
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.

11-22-1998 MOL and RU. PU DC's and DP

11-23-1998 PU DP, drill open hole 3144'-3306', 162' open hole, net coal thickness-38', COOH, PU Smith under reamer, TIH, open under reamer @ 3154', under ream to 3270' @ report time

11-24-1998 Finish under reaming to 3306', COOH, LD tools, TIH, tag 3295', CO to TD, returns-hvy coal fines in black viscous wtr, dry well, flow test through 3/4" choke (ave 1341 mcf/d), COOH, surge 2 times w/ air and wtr to 1400 psi, returns on 1st surge-coal fines and wtr, returns on 2nd surge-hvy small coal and fines, well bridged, TIH, tag @ 3225', CO to 3306', returns-hvy reducing to lite coal fines in black wtr

11-25-1998 Dry well, flow test through 3/4" choke (ave 1194 mcf/d), COOH, 2 hr SI pressure test, 850 psi, surge well 8 times w/ air and wtr to 1800 psi, returns-coal chunks to fines in black wtr, well bridged on last surge, TIH, tag bridge 1940'-1950', CO bridge, TIH, tag fill @ 3160', CO 3160'-3290', returns-med to lite coal to fines in black wtr

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

SIGNATURE Susan Griguhn TITLE CLERK
TYPE OR PRINT NAME S GRIGUHN TELEPHONE NO 918/561-6254

DATE December 21, 1998

(This space for State
APPROVED BY
CONDITIONS OF APPROVAL, IF ANY

DEPUTY OIL & GAS INSPECTOR, DIST. 3
TITLE _____ DATE DEC 23 1998

11-26-1998 CO @ 3306', TD, dry well, flow test through 3/4" choke, (ave 1788 mcf/d), COOH to surge, surge well 2 times w/ air and wtr to 1250 psi, returns-hvy coal chunks to fines in black viscous wtr, well bridged on both surges, broke bridge on 1st surge w/ air, could not break bridge on 2nd surge, bridge up against bit, snub 2 jts DP in hole w/ winch lines while working through bridge, let well blow down, change # 1 pipe ram rubbers, TIH, PU swivel, tag @ 3229', CO 3229'-3259', returns-hvy 3/8" coal to fines in black wtr

11-27-1998 CO 3229'-3306', dry well, flow test through 3/4" choke (ave 2320 mcf/d), COOH to 1200' to surge, surge 4 times to 1080 psi, 1st, 2nd and 4th surges bridged, returns-hvy coal chunks to fines in black viscous wtr, TIH, tag @ 2850', CO bridge 3074'-3150', broke through bridge, blow well down, returns-large coal to fines in black wtr, CO 3198'-3260', returns-med 1/8" coal to fines in black wtr

11-28-1998 CO 3229'-3306', returns-med to lite coal fines in black to brown wtr, dry well, flow test through 3/4" choke, (ave 2324 mcf/d), COOH w/ 30 stands, surge 4 times w/ air and wtr to 860 psi, returns-med to hvy fines on 1st three surges, hvy coal chunks and hvy coal sludge in black viscous wtr

11-29-1998 Surge well 7 times to 900 psi, returns-coal fines on 1st 4 surges, large coal and hvy fines on next 2 surges, well bridged off on 7th surge, TIH, tag @ 1752', CO to 1782', TIH, tag @ 3304', CO @ TD, returns-med coal fines in black wtr, hole got tight, LD 2 jts DP, CO 3229'-3259', CO to TD, returns-med to lite coal fines in black wtr, dry well for flow test

11-30-1998 Flow test through 3/4" choke, (ave 2846 mcf/d), surge well 5 times to 900 psi, returns-lite to med coal fines in black wtr, TIH, tag @ 3240', CO to TD, 3306', returns-med to lite coal fines in black to brown wtr, dry well for flow test

12-01-1998 Well too wet to flow test, COOH w/ 30 stands, surge 7 times to 900 psi, returns-small coal to fines in black to gray wtr, TIH, CO to TD, returns-med to lite 1/4" coal to fines in black to gray wtr

12-02-1998 CO to TD, returns-hvy reducing to lite 1/16" coal to fines in black to gray wtr, dry well, flow test through 3/4" choke, (ave 3114 mcf/d), COOH, surge w/ air and wtr

12-03-1998 Surge well 12 times past 24 hrs, once w/ air and wtr to 725 psi, 4 natural surges, 2 hr SI's to 695 psi, 690 psi, 700 psi and 730 psi, 3 surges w/ air and wtr to 750 psi, 1 natural surge to 790 psi, 3 surges w/ air and wtr to 800 psi, returns on all-med coal fines in black to gray wtr

12-04-1998 Surge well natural to 780 psi, TIH, tag fill @ 3250', CO to TD, returns-hvy to lite 1/16" coal to fines in black to gray wtr, dry well, flow test through 3/4" choke, (ave 2973 mcf/d), COOH, change bit, run collars and 1 stand DP in hole, surge 2 times, one natural (2 hr-620 psi) and one w/ air and wtr to 800 psi, returns-coal fines in black wtr

12-05-1998 Surge well w/ natural pressure build-up 9 times, 2 hrs SI's, final pressures increased from 670 psi to 760 psi, returns-lite coal fines in gray wtr

12-06-1998 Surge one time natural, 2 hr SI-760 psi, returns-coal fines in gray wtr, TIH, tag @ 3229', CO to TD, returns, hvy 1/16" coal to fines in black wtr reducing to lite coal fines in gray wtr, dry well, flow test through 3/4" choke, (avg 3147 mcf/d), COOH to surge

12-07-1998 Surge 11 times w/ air and wtr to 800 psi, returns-hvy coal fines and coal pieces in black wtr to viscous coal sludge

12-08-1998 TIH after surge, tag @ 3250', CO 3259'-3290', returns-hvy 1/16" coal to fines in black viscous wtr reducing to lite coal fines in gray wtr, CO @ TD, returns-lite coal fines in gray wtr, dry well, flow test through 3/4" choke for 2 hrs, (2nd hr ave 3705 mcf/d), COOH to surge w/ natural pressure build-up, 2 hr pressure-660 psi, release pressure, returns-lite coal fines in gray wtr

12-09-1998 Surge natural once to 715 psi, 8 surges w/ air and wtr to 860 psi, returns-hvy coal chunks to fines in black wtr, TIH, tag @ 3226', CO to 3259', returns-hvy 1/8" coal to fines in black wtr

12-10-1998 CO to TD, returns-hvy 1/16" coal to fines in black wtr reducing to lite coal fines in black to gray wtr, dry well, flow test through 3/4" choke, (2nd hr avg, 3893 mcf/d), COOH, surge natural 5 times, returns-coal fines in gray wtr

12-11-1998 Surge natural 3 times, returns-coal fines in gray wtr, TIH, tag @ 3250', CO to TD, returns-med to lite coal fines in gray wtr, dry well, flow test through 3/4" choke, (final reading-3930 mcf/d), COOH, LD DC's, PU and run 5 1/2" liner, strap DP in hole

12-12-1998 Run 5 jts (234.30') 5 1/2" 17#, N-80 casing w/ LA set shoe @ 3305' and TIW JGS liner hanger @ 3071', work liner to bottom, set and release, LDDP, perforate w/ Blue Jet the intervals 3276'-3304', 3228'-3272', 3208'-3220', & 3118'-3202', PU and run 103 jts (3260.00') 2 7/8" 6.5#, J-55, EUE 8rd Lone Star tubing set @ 3273' w/ expendable check on bottom and 2.25" ID F-nipple @ 3242', ND BOP, NU wellhead, release rig 0600 hrs 12/12/98