

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

DISTRICT II
811 South First, Artesia NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised 1-1-89

WELL API NO.

30-039-26398

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-346

7. Lease Name or Unit Agreement
Name:

ROSA UNIT

8. Well No.

357

9. Pool name or Wildcat

BASIN FRUITLAND COAL

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 ☐

AUG 2001

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 : 1045 feet from the NORTH line & 1605 feet from the EAST line Sec 36-32N-06W RIO ARRIBA, NM

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

6640' 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

OTHER:

OTHER: COMPLETION

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.

05-23-2001

Recap: TOO H w/under reamer, TIH w/ bit, unload hole @ 3314'. CO from 3430' to 3428', dry well, TOO H to shoe, pitot test - 286 mcf/d, shut in natural build 4 hrs. Finish pressure 720#, surge 5 times. CO well from 3425 to 3438', TOO H to shoe, surge 8 times, CO well from 3311' to 3342'

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 02, 2001

Type or print name TRACY ROSS

Telephone No: (918) 573-6254

(This space for State use)

APPROVED

ORIGINAL SIGNED BY CHARLIE T. FETTER

BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

AUG - 2 2001

Conditions of approval, if any:

K

05-24-2000 CO well from 3327' to 3478' w/ 1800 cfm, 10 bbls/hr mist, heavy returns, dry well, pitot test - 615 mcf, natural build. Final pressure 800#. Surge 6 times w/ 2700 cfm, 10 bbls/hr mist, ending pressure 1425# - 1650#

05-25-2001 Surge 1 time w/ 2700 cfm, 10 bbls/hr mist, end pressure 1425# - 1650#. Packed off during surge. Pipe stuck @ 3304'. Work pipe & attempt to break circulation. Pipe stuck @ 3300'. Shut in well & equalize wellbore pressure: SIDPP - 880#, SICP - 880#. SIDPP - 880#, SICP - 900#. Work stuck pipe

05-26-2001 Work stuck pipe, surge backside up to 1800#. RU wireline truck, pipe moved while setting weights for freepoint. Moved pipe 2', ran freepoint, bit .75' - B/S 2.95', 2 - 5" D.C. 62.20' stuck. Total length stuck 65.9'. Bit @ 3298', freepoint @ 3230'. Ran string shot and backed off 5" DC's @ 2988'. Fish left in hole: 1-6 1/4" bit .75', 1 BS 2.95', 10 - 5" DC's 311.30'. Total length of fish 315.0'. TOO, PU screw in sub, jars, bumper sub, int, 10 - 4 - 3/4" DC's, TIH. Pump 10 bbls H2O, screw into DC, jar down 2 hrs, jar fish free. Unload hole & circulate. TOO, LD fish 1- 6 1/4" bit, 1-BS, 10-5" DC, load out fishing tools. TIH, tag fill @ 3304'. CO @ 3304' w/1800 cfm, 10 bbls/hr mist. Very heavy returns

05-27-2001 CO from 3304' to 3436' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: coal in H2O very viscous, fines to 1/4" pieces. Shale: fines to 1/8" pieces. Tight & packing off

05-28-2001 CO from 3414' to 3456' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H2O very viscous, fines to 1/4" pieces. Shale: fines to 1/8" pieces. Returns slowed to med. Dry well, PU to csg shoe. Pitot test - 726 mcf. Shut in for 5 hrs for natural build. Natural surges for 6 hrs. Flow well natural for .5 hrs. Surge 3 times w/2700 cfm, 10 bbls/hr mist, end pressure 540# - 1400#

05-29-2001 Surge 1 time w/2700 cfm, 10 bbls/hr mist, end pressure 1400#. CO from 3300' to 3456' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: Coal in H2O very viscous, fines to 1/4" pieces. Shale: fines to 1/8" pieces. Returns slowed to med. Dry well & PU to csg shoe. Pitot test - 869 mcf. Shut in for natural build - final pressure 600#. Surge 2 times w/ 2700 cfm, 10 bbls/hr mist, end pressure 1400# - 1500#

05-30-2001 Surge 5 times w/2700 cfm, 10 bbls/hr mist, end pressure 1400# - 1680#. CO from 3288' to 3385' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: Coal in H2O very viscous, fines to 1/4" pieces. Shale: fines to 1/8" pieces

05-31-2001 CO from 3385' to 3446' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: Coal in H2O, very viscous, fines to 1/4" pieces. Shale: fines to 1/8" pieces. Hole tight & packing off

06-01-2001 CO from 3424' to 3446' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H2O, very viscous, fines to 1/4" pieces. Shale: fines to 1/8" pieces. Returns slowed to med. Dry well, PU to csg shoe. Pitot test - 1065 mcf. Shut in for natural build - final pressure 480#. Surge 8 times w/2700 cfm, 10 bbls/hr mist, end pressure 900# - 1585#

06-02-2001 Surge 6 times w/2700 cfm, 10 bbls/hr mist, 10 bbl H2O w/ rig pump. End pressure 1200# - 1650#. TIH, tag @ 3324'. CO from 3324' to 3351' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: coal in H2O very viscous, fines to 1/2" pieces. Shale: fines to 1/8" pieces. Hole tight & packing off

06-03-2001 CO well from 3351' to 3414' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps, very heavy returns: coal 90 %, shale 10%. Coal in H2O very viscous, fines to 1" pieces. Shale: fines to 1/8" pieces. Hole tight & packing off

06-04-2001 CO well from 3414' to 3438' w/1800 CFM, 10-12 bbls/hr mist. 10 bbls H2O sweeps, very heavy returns: coal 90% - shale 10%. Returns slowed to med, dry well, PU to csg shoe. Pitot test - 1065 mcf, shut in for natural build. Final pressure - 410#. Surge 2 times w/ 1800 CFM, 10 bbls/hr mist, end pressure - 1300#. Q = 1065 mcf

06-05-2001 Surge 9 times w/1800 to 2700 cfm, 10 bbls/hr mist, starting pressure 0# - 300#, ending pressure 1200# - 1350#. Heavy to medium returns: coal 85%, shale 15%

06-06-2001 Surge 2 times w/1800 to 2700 cfm, 10 bbls/hr mist, starting pressures 250# - 300#, ending pressures 1200# - 1375#. Medium returns: coal 85%, shale 15%. TIH, tag @ 3323'. CO well from 3323' to 3383' w/1800 cfm, 10-12 bbls/hr mist, 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Hole tight & packing off, LD 1 jt DP. CO well from 3323' to 3351' w/1800 cfm, 10-12 bbls/hr mist, 10 bbl H2O sweeps, very heavy returns: coal 90%, shale 10%

06-07-2001 CO well from 3323' to 3351' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H2O very viscous, fines to ¾" pieces. Shale: fines to 1/8" pieces. CO well from 3351' to 3383' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 50%, shale 50%. Coal: coal in H2O very viscous, fines to 1/4" pieces. Shale: fines to 1/4" pieces. Hole tight & packing off. CO well from 3319' to 3351' w/1800 cfm, 10 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 50%, shale 50%. Coal: coal in H2O very viscous, fines to 1/4" pieces. Shale: fines to 1/4" pieces. CO well from 3351' to 3383' w/1800 cfm, 10 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 80%, shale 20%. Coal: coal in H2O very viscous, fines to 1/8" pieces. Shale: fines to 1/8" pieces. Hole tight & packing off

06-08-2001 CO well from 3323' to 3383' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H2O very viscous, fines to ¾" pieces. Shale: fines to 1/8" pieces

06-09-2001 CO well from 3383' to 3448' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 90%, shale 10%. Coal: coal in H2O very viscous, fines to ¾" pieces. Shale: fines to 1/8" pieces. Dry well, TOOH to csg shoe for pitot test

06-10-2001 Pitot test – 1065 mcfd. Shut in for natural build, final pressure 420#. Surge 2 times, SI for natural build, starting pressure 0#, ending pressure 350#. Returns: #1 heavy soap & fine coal. #2 lite H2O & heavy gas. Surge 4 times w/ 2700 cfm, 10 bbls/hr mist. Starting pressures: 0# - 400#. Ending pressures: 1250# - 1600#. Med to heavy returns. Coal 90% & shale 10%. Coal: fines to ½". Shale fines to ¼". TIH, tag @ 3326'. CO well from 3326' to 3351' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H2O dark gray to black, fines to ¼" pieces. Shale: fines to 1/8" pieces

06-11-2001 CO well from 3351' to 3448' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: coal in H2O dark gray to black, fines to ¼" pieces. Shale: fines to 1/8" pieces. Hole tight & packing off. TOOH to csg shoe, TIH, tag @ 3326'. CO well from 3326' to 3383' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 80%, shale 20%. Coal: fines to ¼" pieces. Shale: fines to ¼" pieces. Hole tight & packing off

06-12-2001 CO well from 3383' to 3448' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Heavy returns: coal 90%, shale 10%. Coal: Coal in H2O dark gray to black, fines to ¼" pieces. Shale: fines to 1/8" pieces. Returns slowed to med. TOOH to csg shoe. Flow well natural. TIH, Tag @ 3443' 5' fill. Dry well, TOOH to csg shoe. Pitot test – 869 mcfd. TIH, tag @ 3434'. CO well from 3434' to 3448' w/1800 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Med to light returns: coal 90%, shale 10%. Coal: Coal in H2O dark gray to black, fines to ¼" pieces. Shale: fines to 1/8" pieces

06-13-2001 CO well from 3434' to 3448' w/1800 cfm, 10-12 bbls/hr mist. TOOH, LD 10 4 ¾" DC's, CO rams, PU liner, TIH, tag @ 3328', wash liner from 3328' to 3365' w/ 1800 – 2700 cfm, 10-12 bbls/hr mist, 3 – 6 bbls H2O sweeps, TOOH, chain out, LD liner, RU blooie line, CO rams, PU 10 4 ¾" DC's, TIH w/ bit #4

06-14-2001 TIH w/ bit #4, PU swivel & break circulation @ 3319', TIH, tag @ 3335'. CO well from 3335' to 3383' w/1800 cfm, 10-12 bbls/hr mist, 10 bbl H2O sweeps. Hole tight & packing off

06-15-2001 CO well from 3383' to 3414' w/1800 CFM 10-12 bbls/hr mist – 10 bbl H2O sweeps, hole tight & packing off

06-16-2001 CO well from 3383' to 3448' w/1800 CFM 10-12 bbls/hr mist – 10 bbls H2O sweeps, hole tight & packing off. Blow well dry, TOOH to csg shoe, flow well natural. TIH, tag @ 3346'. CO well from 3346' to 3383' w/1800 CFM 10-12 bbls/hr mist – 10 bbl H2O sweeps, hole tight & packing off

06-17-2001 CO well from 3346' to 3383' w/1800 CFM 10-12 bbls/hr mist – 10 bbls H2O sweeps, hole tight & packing off

06-18-2001 CO well from 3351' to 3383' w/1800CFM, 10-12 bbls/hr mist – 10 bbl H2O sweeps, hole tight & packing off

06-19-2001 CO well from 3351' to 3383' w/2700cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps, very heavy returns: coal 75 %, shale 25%. Coal in H2O dark gray to black, fines to 1/2" pieces. Shale fines to 1/2" pieces. Hole tight & packing off

06-20-2001 CO well from 3351' to 3383' w/2700 cfm, 10-12 bbls/hr mist (H2O & soap) 10 bbl H2O sweeps. Very heavy returns: coal 75%, shale 25%. Coal: coal in H2O dark gray to black, fines to 1/2" pieces. Shale: fines to 1/2" pieces. Hole tight & packing off. Dry well, TOOH to csg shoe. Surge 2 times w/ 2700 cfm, 10 bbls/hr mist, 10 –20 bbls H2O. Starting pressures: 0# - 450#, ending pressures: 1050# - 1400#. Medium to heavy returns: coal 80%, shale 20%. Coal: fines to 1/2". Shale fines to 1/2"

06-21-2001 Surge 1 time w/ 2700CFM, 10 bbls/hr mist, 10-20 bbls H2O. Starting press. 450#, end press. 1350#, med to heavy returns. TOOH to check bit, TIH w/ bit #5, tag @ 3336'. CO well from 3319' to 3351' w/1800CFM, 10-12 bbls/hr mist, 10 bbl H2O sweeps, hole tight & packing off

06-22-2001 CO well from 3319' to 3448' w/2700cfm, 10-12 bbls/hr mist (H2O & soap), 10 bbl H2O sweeps, very heavy returns: coal 80%, shale 20%. Coal in H2O dark gray to black, fines to 1/4" pieces. Shale fines to 1/4" pieces. Hole tight & packing off

06-23-2001 CO well from 3414' to 3438' w/1800CFM, 10-12 bbls/hr mist – 10 bbl H2O sweeps, hole tight & packing off

06-24-2001 CO well from 3414' to 3448' w/2700CFM, 10-12 bbls/hr mist – 10 bbl H2O sweeps. TOOH to csg shoe, flow well natural, TIH, tag @ 3436'. Blow well dry, TOOH to csg shoe, flow well natural. Pitot test – 589 mcfd. TIH, no fill. Ream well @ 3448' w/2700CFM, 10-12 bbls/hr mist – 10 bbl H2O sweeps, TOOH. CO rams, RU to run liner. Q = 589 mcfd

06-25-2001 Run liner as follows: 1 Bit – .5', 1 F/S – 2.0', 5 Jts 5 1/2" 17# N80 – 229.34', hanger – 4.75' Total liner length 236.59'. TIH, tagged @ 3400'. Wash liner from 3400' to 3448' w/2700cfm,,10-12 bbls mist, 10-15 bbl H2O sweeps. Hang liner, bottom of liner @ 3447', top of liner @ 3212'. LD DP & DC's. RU Wireline truck & perforate from 3330' to 3430'. RD wireline truck, CO rams. Run 109 jts & 2 pup jts 2 3/8" tubing, exp check @ 3424'. "F" nipple @ 3392.67', land doughnut. CO rams, ND BOP's, NU wellhead. Pump ball thru exp check, rig down

06-26-2001 Run 5 1/2" liner, wash liner from 3400' to 3448', hang liner, bottom @ 3447'. LD DP & DC's. RU, perf from 3330' to 3430', RD. Run 2-3/8" tbg, land doughnut, ND bop's, NU wellhead, pump ball, release rig @ 1200 hrs, 6/26/01. release well to production department