

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

Form C-103  
Revised 1-1-89

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-039-29509

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.

243A

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 ☐

2. Name of Operator

WILLIAMS PRODUCTION COMPANY

3. Address of Operator

P O BOX 3102, MS 25-2, TULSA, OK 74101

4. Well Location (Surface)

Unit letter C : 1030 feet from the NORTH line & 1920 feet from the WEST line Sec 36-32N-06W RIO ARRIBA, NM

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

6654' GR

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

#### NOTICE OF INTENTION TO:

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.

07-15-2005 MIRU.

07-16-2005 PU 6 1/4" bit, 8 - 4 3/4" DC's & TIH. Pull 2 7/8", 10.40# AOH DP out of basket, PU & TIH. Tie back single line, RU 3.5 swivel. Break circulation, test stack 1500 psi 30 min. Circulate down, tag cmt @ 3249', drill 14' of cmt to insert float @ 3263', drill insert float & shoe jt, drilled to 3316', circulate hole clean. PU to 3285', clean pit, SD until 7/18/05

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: SR. Production Analyst

DATE: May 5, 2006

Type or print name TRACY ROSS

Telephone No: (918) 573-6254

(This space for State use)

APPROVED BY H. Villanueva

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 20

DATE MAY 09 2006

Conditions of approval, if any:

8

07-18-2005 Drill 6 1/4" hole from 3317' to TD of 3527', circulate hole clean. LD 8 jts, bit @ 3285', SDFN.

07-19-2005 Csg pressure-125 psi. PU singles & TIH from 3285', CO 10' of fill, circulate hole 1 hr w/ produced war. LD 8 jts, RD power swivel. TOOH w/ 6 1/4" bit, RU Halliburton, RUN GR, DSN, SDL, RD Halliburton. MU Baker Lockomatice under reamer & TIH. SDFN.

07-20-2005 Csg press = 125#. Baker Lockomatic UR @ 3320', est. circ. w/ 12 bph mist & open up UR. Under ream 6 1/4" hole to 9 1/2" f/ 3320' to TD @ 3527'. LD 8 jts., RD 3.5 power swivel, TOOH w/ UR. Flow well on 2" line, pitot well while RU to surge f/ surf, 3 readings 15 min. apart, 6 oz. = 372 mcfd. SWI for 1 hr buildup, 15 min - 50#, 30 min - 100#, 45 min - 175#, 1 hr - 225#. Nat surge f/ surf, 2 hr 15 min. SI = 325 psi, ret's lt fines, 1/4" stream of water, flow nat 1 hr. Q = 372 mcfd

07-21-2005 Nat surge f/surf, 2 hr SI = 400#, ret's lt fines, lt water, flow nat 1 hr, SWI for 4 hr nat build. 4 hr SI = 700#, ret's hvy water, flow nat. Nat surge f/surf, 2 hr SI = 475#, ret's lt fines, med water, flow nat. 1 hr. Nat surge f/surf, 2 hr SI = 525#, ret's hvy water, flow nat 1 hr. Nat surge f/surf, 2 hr SI = 550#, ret's hvy water, flow nat. 1 hr. Surge f/surf w/ 10 bph mist air assist, .5 hr = 800#, ret's hvy water, flow nat. 1 hr between surges, total of 4 surges

07-22-2005 Surge f/surf w/ 10 bph mist air assist, .5 hr = 800#, ret's med water, flow nat 1 hr, SIW for 4 hr nat. build. 4 hr SI = 1050#, ret's med coal fines up to 1/16" in size, hvy water, flow nat. Nat. surge f/surf, 2.5 hr SI = 775#, ret's lt. water, flow nat. 1 hr. Nat. surge f/ surf, 2 hr SI = 675#, ret's med black water/coal fines, flow nat. 1 hr. 2 hr SI = 550#, ret's lt coal, hvy water, flow nat. 1 hr. 2 hr SI = 550#, ret's lt coal, hvy water, flow nat. 1 hr. 2 hr SI = 550#, ret's med water, flow nat. 1 hr.

07-23-2005 Nat. surge f/ surf., 2 hr SI = 525#, ret's hvy water, flow nat. 1 hr. 5 hr SI = 800#, ret's hvy coal, hvy water, flow nat. 1 hr. 2 hr SI = 650#, ret's med coal fines, med water, flow nat. 1 hr. 2 hr SI = 700#, ret's med coal, hvy water, flow nat. 1 hr. 2 hr SI = 700#, ret's hvy coal fines, hvy water, flow nat. 1 hr. 2 hr SI = 725#, ret's hvy coal, plugged hcr's, hvy water, flow nat. 1 hr. 2 hr SI = 700#, ret's hvy coal, hvy water, flow nat. 1 hr.

07-24-2005 Nat. surge f/ surf, 2 hr SI = 775#, ret's hvy coal, plugged hcr's, med water, flow nat 1 hr. 5 hr SI = 775#, ret's hvy coal, plugged hcr's, hvy water, flow nat. 1 hr. 2 hr SI = 800#, ret's med coal, hvy water, flow nat. 1 hr. 2 hr SI = 775#, ret's hvy coal, med water, flow nat. 1 hr. 2 hr SI = 825#, ret's med coal, med water, flow nat. 1 hr. 2 hr SI = 825#, ret's lt. coal, lt. water, flow nat. 1 hr. 2 hr SI = 800#, ret's lt. coal, lt. water, flow nat. 1 hr.

07-25-2005 Nat surge f/ surf, 2 hr SI = 700#, ret's hvy coal, med water, plugged hcr's, flow nat 1 hr, SIW for 4 hr nat build. 4 hr SI = 850#, ret's hvy coal, med water, bridged off in csg. Surge bridge out of csg, ret's x-tra hvy coal, fines up to baseball size, bridged off several times, well flowing nat., turn well to flow back crew. Flow well natural overnight.

07-26-2005 Flow well natural. TIH w/ 6 1/4" bit, RU power swivel, PU singles, tag 12' in on jt 100 @ 3360'. Establish circulation w/ 14 bph mist, clean out from 3360' to 3379', running med to hvy coal. Make connection, clean out from 3379' to 3410', lost ret's. PU to 3348', running hvy coal, fines up to 1/8" in size, circulation & work pipe PA to 3282', turn well over to night crew. Flow well on blooie line. Pitot well on 2" line, 5 readings 15 min. apart, #1 = 7.5 lbs, #2 = 8 lbs, #3 = 9 lbs, #4 = 9 lbs, #5 = 8.6 lbs, (pitot well @ 8lbs - 1700 mcfd) Q = 1700 mcfd

07-27-2005 Flow well natural. Establish circulation w/ 14 bph mist, @ 3316'. CO to 3379', running hvy coal, fines up to 1/4". Running lite to med coal, CO to 3442'. Bypass air, PU to 3282', turn well to night crew. Flow well natural.

07-28-2005 Flow well nat. Est circ w/ 14 bph mist @ 3316'. Tag bridge @ 3354', CO 10' bridge, well unloaded hvy coal & cont to run. Ret's slowed, CO down to 3442'. Bypass air, PU to 3282', turn well to night crew. Flow well nat.

07-29-2005 Flow well nat. PU singles & TIH f/ shoe, tag @ 3364', est circ w/ 12 bph mist. CO bridge @ 3364', running hvy coal, fines up to 1/8" in size, CO to 3442'. Bypass air, PU to 3316', turn well to night crew. Flow well nat on blooie line 1 hr, pitot well on 2" line, 5 readings 15 min apart, 7#, 8#, 11.5#, 12.5#, 12#, last 3 readings lt mist, pitot aver. = 10# - 1900 mcfd. Flow well nat. Nat. surge f/ shoe, 1 hr SI = 450#, ret's lt. water w/ coal fines, flow nat. 2 hr. Q = 1900 mcfd

07-30-2005 Nat surge f/ shoe, 1 hr SI = 325#, ret's lt mist, flow nat 2 hr. Nat surge, 1 hr SI = 325#, ret's lt mist, flow nat 2 hr. Nat surge, 1 hr SI = 350#, ret's lt. mist, flow nat 2 hr. Nat surge, 1 hr SI = 350#, ret's lt water, flow nat 2 hr. Nat surge, 1 hr SI = 375#, ret's hvy coal dust w/ lt. coal 1/16" in size, circ clean w/ air mist, flow nat 1.5 hr. Nat surge, 1 hr SI = 325#, ret's lt. dust, circ. clean w/ air mist, flow nat 1.5 hr. Nat surge, 1 hr SI = 300#, no ret's. Nat surge, 1 hr SI = 300#, no ret's.

07-31-2005 Nat surge f/ shoe, total of 8 surges, 1 hr SI = 300#, ret's none, flow nat 2 hr after each surge.

08-01-2005 Nat surge f/ shoe, 1 hr SI = 300#, no ret's, flow nat 2 hr, SIW for 4 hr nat build. Air hand surge nat @ 07:00. 4 hr SI = 500#, ret's lt mist, (pipe rams not sealed all the way). PU singles & TIH, tag @ 3349', est. circ. w/ 14 bph mist, c/o 12' bridge, form. running med to hvy coal, mostly fines, c/o to TD @ 3527', got stuck twice - had to PU to 3420' & st. over. Bit @ 3526', circ. w/ 14 bph mist, work pipe, running lt. to med coal. Bypass air, PU to 3316', rel crew. Flow well nat 1.5 hr on blooie line, pitot well on 2" line 1 hr, 5 readings 15 min. apart, all readings lt mist, 7.5#, 11#, 10#, 10#, 10# = 1900 mcfd. Flow well nat, evap pit. Q = 1900 mcfd

08-02-2005 Flow well nat, evap pit. PU singles & TIH, tag @ 3432', est. circ. w/ 12 bph mist. CO 6' bridge, 3432' to 3438', running med to hvy coal, fines up 1/8" in size, CO to TD @ 3527'. Circulate on bottom 2 hrs, bypass mist circ air only .5 hr. PU to 3316', turn well to night crew, flow well nat, evap pit.

08-03-2005 Flow well nat, evap pit. PU singles & TIH f/ 3316', tag @ 3354', est. circ. w/ 14 bph mist. CO 12' bridge f/ 3364' to 3376', running lt to med coal. CO to 3442', running hvy coal fines up to 1/16" in size, fill 5 gallon bucket in 5 min., circ. & work pipe. Bypass air, PU to 3316', turn well over to night crew. Flow well nat & evap pit.

08-04-2005 Flow well nat & evap pit. Change out stripping rubber, TIH f/ shoe, tag @ 3403', est circ w/ 14 bph mist. CO 3' bridge & 12' bridge 3403' to 3427', running hvy coal, cont to circ, CO to 3504', good circ, pipe moving free, ret's lt to med coal. Made connection, went down to 3515', got sticky, PU to 3504', DP press to 800 psi, bypass air, unable to go up or down, slack off 10k, press annulus to 900 psi, got back 4 pts, work pipe, 6" movement max, leave press on annulus, SDFN.

08-05-2005 Work stuck pipe, WL Specialties on loc. Got pipe unstuck, PU to 3316', surge well open, est circ w/ 14 bph mist. CO to 3412', running hvy coal, fines up to 1/16". Bypass air, circ. air only .5 hr, PU to 3286', turn well to night crew. Flow well on blooie line, 1.5 hr, pitot well on 2" line 1 hr, 5 readings 15 min. apart, all readings lt. mist, 16#, 18#, 17#, 17#, 17#, pitot = 2.5 mcfd. Flow well nat, evap pit. Q = 2.5 mcfd.

08-06-2005 Flow well nat, evap pit.

08-07-2005 Flow well nat, evap pit.

08-08-2005 Flow well nat., evap. pit. Est. circ. w/ 14 bph mist, c/o to 3442', running med to hvy coal fines, circ. & work pipe. Circ. air only .5 hr, PU to shoe, turn well over to night crew. Flow well nat. on blooie line 1.5 hr, pitot well on 2" line 1 hr, 5 readings 15 min. apart, 8#, 11#, 11.5#, 11.5#, 11.5#, pitot well @ 2000 mcfd. Flow well nat. on blooie line. Q = 2000 mcfd

08-09-2005 Flow well nat. on blooie line. PU singles & TIH, tag @ 3432', est. circ. w/ 14 bph mist, c/o to 3504', running med to hvy coal, fines up to 1/16" in size. PU to 3316', turn well over to night crew. Flow well nat. evap. pit.

08-10-2005 Flow well nat., evap. pit. PU singles & TIH, tag @ 3432', est. circ. w/ 14 bph mist, c/o to 3442', running hvy coal fines up to 1/16" in size. Made conn., got stuck, work pipe free .75 hr, pu to 3411', running hvy coal fines, work pipe f/ 3411' to 3442'. PU to 3316', turn over to night crew. Flow well nat., evap. pit.

08-11-2005 Flow well nat., evap. pit. PU singles & TIH, tag @ 3432', est. circ. w/ 14 bph mist, running hvy coal fines, c/o to 3473', running hvy coal fines. Circ. air only & unload water. PU to 3316', turn over to night crew. Flow well 2 hr on blooie line, pitot well on 2" line, 5 readings 15 min. apart, lt. mist, 10.5#, 13#, 13#, 13#, 13#, pitot = 2200 mcfd. Flow well nat. on blooie line, use rig pump to evap. res. Pit. Q = 2200 mcfd

08-12-2005 Flow well nat on blooie line, use rig pump to evap res pit. PU singles & TIH, tag @ 3421', est circ w/ 14 bph mist, running hvy coal fines & med coal 1/16" in size, CO to 3442', pump sweep every .75 hr. Bypass air, PU to 3316', SWI till 8/15/2005.

08-15-2005 Csg press 975#, BD on 2" line. TIH f/ shoe, tag up @ 3425', est. circ. w/ 14 bph mist, c/o to 3504', running hvy fines. Work pipe f/ 3473' to 3504', running hvy fines w/ 1/8" size coal. Circ. air only, dry up wellbore. PU to shoe, SDFN.

08-16-2005 Csg press 950#, BD on 2" line. TIH f/ shoe, tag @ 3430', est. circ. w/ 12 bph mist, c/o to 3473', running hvy coal fines, work stuck pipe. PU to 3411', get ret's back, work pipe f/ 3411' to 3442', running hvy coal fines. PU to shoe, SDFN.

08-17-2005 Csg press = 900#, BD on 2" line. TIH f/ shoe, tag @ 3430', est. circ. w/ 12 bph mist, c/o to 3504', ran hvy coal 1/16" in size, seeing less of coal fines. Bypass air, PU to shoe, SDFN.

08-18-2005 Csg press 900#, BD on 2" line. TIH f/ shoe, tag @ 3430', c/o w/ 12 bph mist, to 3504', running hvy coal 1/8" in size, pump sweeps every 3/4 hr & keep pipe moving. PU to shoe, SDFN.

08-19-2005 Csg press 850#, BD on 2" line. Open well on blooie line, TIH f/ shoe, tag @ 3430', est. circ. w/ 12 bph mist, c/o 3442' to 3473' 4 hrs, make conn., c/o 3473' to 3504', running hvy coal 1/8" in size 90% w/ 10% shale, coal fines slowed down. PU to shoe, SD for weekend.

08-22-2005 Csg press 1000#, BD on 2" line. TIH f/ shoe, tag @ 3430', CO w/ 12 bph mist to 3504', run hvy coal 1/8" in size. Bypass air, PU to shoe, SDFN.

08-23-2005 Csg press 950#, BD on 2" line. TIH f/ shoe, tag @ 3435', c/o w/ 12 bph mist, bridge 3435' to 3452', run md to hvy coal, circ. & work pipe. Make conn., c/o 3473' to 3504', circ. & work pipe, pump 3 bbl sweeps every .75 hr, run md coal 1/8" in size. Circ. air only & unload water. PU to 7" csg shoe, flow well nat. on blooie line. Pitot well on 2" line, 5 readings 15 min. apart, all readings very lt. mist, 15#, 21#, 21#, 21#, 21#, pitot = 2863 mcf, SDFN. Q = 2863 mcfd

08-24-2005 Csg press 950#, BD on 2" line. PU singles & TIH, tag up @ 3504', LD 5 jts, RD swivel, TOH std back 2 7/8" DP. LD 4 3/4" DC's. RU csg crew, install 5 1/2" rams, hold S.M., pitot well on 2", 3 readings 15 min. apart, 18#, 20#, 20#, pitot = 2800 mcf. MU 5 1/2" shoe, PU 5 1/2" 17# N-80 csg & TIH, MU 5 1/2" TIW hanger (drop off). RD csg crew, pull 5 1/2" rubber, install 2 7/8" rubber. TIH w/ 2 7/8" D.P., PU singles, tag 16' in on jt 103 @ 3500', drop off liner, shoe @ 3500', 6 jts 5 1/2" 17# N-80 csg, TIW H-Latch Set Collar, LT @ 3218', 95' of overlap. TOH LD DP, SDFN. Q = 2800 mcfd

08-25-2005 RU Precision Energy. Perf following intervals w/ 3 1/8" HSC, .49 dia. holes, 15 gram rdx chg, 120 degree phasing @ 4 spf top down: 3323' - 3343', 3344' - 3358', 3361' - 3371', 3395' - 3405', 3407' - 3427', total of 75' = 300 holes, RD wireline. Csg press 900#, BD on 2" line, tally 2 7/8" tbg. PU 2 7/8" 6.5# J-55 tbg, rabbit on TIH, land prod. tbg as follows w/ KB correction top down: tbg hanger, 103 jts, 2.28" ID S.N. @ 3389', 1 jt, 1/2 muleshoe exp. chk @ 3424' (bucket tst w/ both blooie lines open/ 1 blooie line = 5 gallons 57 seconds = 7.5 X 2 = 15 bph) RD floor, ND BOP. NU tree & tst 3000 psi, pump 5 bbl prod. water down tbg, drop ball, pump 5 bbl water, press w/ air & PO exp. chk @ 900# press drop to 350#, flow on 2" for .5 hr, SDFN

08-26-2005 Rig down, crew do rig repairs rest of day