

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.

30-039-29488

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.

357A

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 J : 1370 feet from the SOUTH line & 1490 feet from the EAST line Sec 36-32N-06W RIO ARRIBA, NM

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

6369' 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

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS.

PULL OR ALTER CASING

OTHER:

CASING TEST AND CEMENT JOB

OTHER: Completion

**SUBSEQUENT REPORT OF:**

ALTERING CASING

PLUG AND  
ABANDONMENT

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.

08-29-2005 MIRU, NU BOP, RU floor, pump, pit, yellow dog, SDFN.

08-30-2005 TIH w/ BHA, 8 - 4 3/4" DC's & 6 1/4" bit. PU 2 7/8" DP & TIH. RU 3.5 power swivel. Load hole, shut top pipe rams, test 7", 20# csg & stack 2000 psi 15 min, good test, bleed off pressure, SDFN.

08-31-2005 Est circ w/ rig pump, tag up @ 2966', drill 8' of cmt to insert flt. collar @ 2974', drill out flt. & shoe jt, circulate hole clean w/ produced water. Drill 6 1/4" hole from 3017' to 3107'. Circ bottoms up. Pull BHA up to 3003', SDFN.

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: February 13, 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. 3

DATE

FEB 21 2006

Conditions of approval, if any:

09-01-2005 Csg press 300 psi, BD on 2" line. PU singles, TIH. Est circ w/ rig pump, drill 6 1/4" hole f/ 3107' to 3265'. Circ bottoms up. LD 8 jts, SDFN.

09-02-2005 Csg press 260 psi, BD on 2" line. RD power swivel, tie back dbl fast, TOO. TIH w/ Baker Lockomatic under reamer to 3003'. RU power swivel, tie back single line, SDFN.

09-03-2005 Csg press 325 psi, BD on 2" line. Under Reamer @ 3027', est circ w/ 12 bph mist & open arms on under reamer. Under ream 6 1/4" hole to 9 1/2" hole from 3027' to 3265' TD. Bypass mist, circ air only & dry up wellbore. LD 7 jts w/ power swivel, TOO. 1 hr SI = 180 psi, SWI until 9/6/05.

09-06-2005 Install 4 3/4" pipe rams, RU to surge f/ surf. Csg press 1325 psi - 64 hr SI, equalize stack, surge well, ret's gas only, flow nat 3/4 hrs. Surge f/ surf. w/ air assist, 7 bph mist, .5 hr = 600 psi, ret's mist only, flow .5 hr between surges, 3 surges total. SWI IW for nat surge, get big muffler f/ rig 520 & replace small muffler, 5.5 hr SI = 500 psi, ret's very lt black water, flow nat .5 hr. Surge f/ surf. w/ 7 bph mist @ 600 psi, flow nat. .5 hr between surges, total of 5 surges, ret's lt. black water.

09-07-2005 Surge f/ surf. w/ 7 bph mist @ 600 psi, flow nat. .5 hr between surges, total of 3 surges, ret's lt. black water, SIW for 4 hr nat. build. 4 hr SI = 500 psi, opened @ 07:00, ret's lt. mist. Surge f/ surf w/ 7 bph mist, .5 hr = 800 psi, flow nat. .5 hr between surges, ret's mist only, total of 14 surges. SIW for 4 hr nat. build, SDFN.

09-08-2005 Nat. surge cont., 4 hr SI = 500 psi, ret's lt. coal, lt. water, flow nat. 1 hr, SIW for 4 hr nat. build. 4 hr SI = 500 psi, ret's lt. mist, flow nat. 1 hr. TIH w/ 6 1/4" bit. Tie back single line, RU power swivel. PU singles, tag @ 3055', c/o 10' bridge, 15' bridge, 24' of fill 3167' to 3191', ran med coal, ret's slowed to lt. Bypass mist, circ. air only & unload water. PU to 3034'. Flow well on blooie line 1.5 hr, turn well to night crew. Nat. surge f/shoe, 2 hr SI = 400 psi, ret's lt. black mist, flow nat. 1 hr. Nat. surge, 2 hr SI = 400 psi, ret's lt. black water, flow nat. 1 hr.

09-09-2005 Nat. surge, 2 hr SI = 400 psi, ret's lt. black water, flow nat. 1 hr, SIW for 4 hr nat. build. 4 hr nat. opened @ 07:00, 700 psi, ret's lt. mist w/ coal fines, flow nat. till rig crew arrives. CO to 3254' w/ 12 bph mist, 15' of fill, form. ran med coal. Circ. air only & dry up wellbore. LD 9 jts, RD power swivel. TOO, RU to surge f/ surface. Antelope on loc. to insp. muffler, SIW f/ nat. surge, 2 hr SI = 500 psi, ret's coal dust, flow nat. .5 hr. Nat. surge f/surf, 2 hr SI = 300#, ret's lt. coal, no water. Pump 5 bbl pad, nat surge, 2 hr SI = 350#, ret's lt. coal, lt. water.

09-10-2005 Nat. surge f/surf, 2 hr SI = 400#, ret's lt. coal, lt. water, flow nat. 1 hr. Nat. surge, 4 hr SI = 700#, ret's lt. coal, lt. water, flow nat. 2 hr. Nat. surge, 2 hr SI = 400#, ret's lt. coal, lt. water, flow nat. 1 hr. Nat. surge, 2 hr SI = 425#, ret's lt. coal, lt. water, flow nat. 1 hr, pumped 5 bbl soap pad when well was SI. Nat. surge, 2 hr SI = 375#, ret's lt. water, flow nat. 1 hr. Nat. surge, 2 hr SI = 400#, ret's lt. coal, lt. water, flow nat. 1 hr. Nat. surge, 2 hr SI = 400#, ret's lt. coal, lt. water, flow nat. 1 hr.

09-11-2005 Surge f/ surf w/ 12 bph mist, 1 hr = 800#, ret's med. coal, hvy water, flow nat. 2 hr. Nat. surge, 4 hr SI = 700#, ret's lt. coal, med. water, flow nat. 2 hr. Nat. surge, 2 hr SI = 350#, ret's med. water, flow nat. 1 hr. Pump 5 bbl soap pad, nat. surge, 2 hr SI = 350#, ret's med. water, flow nat. 1 hr. Nat. surge, 2 hr SI = 425#, ret's lt. coal, lt. water, flow nat. 1 hr. Nat. surge, 2 hr SI = 400#, ret's lt. coal, med. water, flow nat. 1 hr. Surge f/ surf w/ 12 bph mist, 1.25 hr = 800#, ret's med. coal, med. water, flow nat. 1.75 hr.

09-12-2005 Nat. surge f/surf, 2 hr SI = 400#, ret's lt. mist, flow nat. 1 hr, SIW for 4 hr nat. build. 4 hr SI = 600#, ret's lt. mist, flow nat. 1 hr. TIH w/ 6 1/4" bit. Tie back single line, RU power swivel. PU singles & TIH, tag @ 3160', c/o 31' of fill to 3191' w/ 12 bph mist, (unloaded 15 to 20 bbl prod. water), circ. clean, bypass mist & unload water. PU to 3034', flow well nat. Surge f/ 3034' w/ 10 bph mist, .5 hr = 800#, ret's lt. coal w/ lt. black water, flow nat. .5 hr between surges, total of 12 surges.

09-13-2005 Surge f/ 3034' w/ 10 bph mist, .5 hr = 800#, ret's lt. coal w/ lt. black water, flow nat. .5 hr between surges, total of 3 surges, SIW for 4 hr nat. build. 4 hr SI = 725#, ret's lt. mist, flow natural. TIH f/shoe, c/o 11' of fill f/ 3180' to 3191'. PU to 3150', surge w/ 12 bph mist @ 1000#, ret's med. coal fines (stick to inside of muffler), circ. clean after each surge, 2 surges. Circ. air only .5 hr followed by bucket test, well making 3.6 bph. PU to 3034', flow well nat. 1.5 hr. Surge f/ 3034' w/ 12 bph mist, .5 hr = 800#, ret's lt. coal, lt. black water, flow nat. 1/2 hr between surges, total of 9 surges.

09-14-2005 Surge f/ 3034' w/ 12 bph mist, .5 hr = 800#, ret's lt. coal, lt. black water, flow nat. .5 hr between surges, total of 3 surges, SIW for 4 hr nat. build. 4 hr SI = 775#, ret's lt. mist. CO bridge 3065' to 3075', 3097' to 3102' w/ 12 bph mist, circ clean. PU to 3150', 3 surges w/ 12 bph mist @ 1000#, 1200#, 1400#, ret's lt. coal, med water, circ. clean after each surge. Dry up wellbore .5 hr, PU to 3034'. Flow well nat. Surge f/ 3034' w/ 10 bph mist @ 1000#, ret's lt. coal, med water, flow nat. .5 hr between surges, total of 9 surges.

09-15-2005 Surge f/ 3034' w/ 10 bph mist @ 1000#, ret's lt coal, hvy water, flow nat .5 hr between surges, total of 3 surges, SWI for 4 hr nat. build. 4 hr SI = 750#, ret's lt. coal, lt water. PU singles & TIH to 3159', no fill, PU to 3150', surge w/ 12 bph mist @ 1200# - ret's lt. coal, hvy water, surge @ 1500# - ret's med water, work pipe, pulling tight coming up, PU to 3050', unable to go up or down, work stuck pipe. PU into csg, est. circ. w/12 bph mist, c/o to 3160', form. running med. to hvy coal, circ. work pipe. PU to 3034', turn well over to night crew. Flow well nat.

09-16-2005 Flow well nat, SWI for 4 hr nat. 4 hr SI = 700#, ret's lt mist. PU singles, tag @ 3140', CO to 3190' w/ 12 bph mist, running hvy coal fines up to 1/16" in size, work pipe & pump sweeps. Ret's slowed, dry up well bore, LD 6 jts, RD power swivel, TOO. Nat surge f/ surf., 4 hr SI = 675#, ret's lt coal, lt water, flow nat 1 hr. Nat surge f/ surf. 4 hr SI carry into 9/17.

09-17-2005 Nat surge cont., 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI carry into 9/18.

09-18-2005 Nat surge f/surf. cont., 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI = 750#, ret's med coal, med water, flow nat 2 hr. Nat surge, 4 hr SI carry into 9/19.

09-19-2005 Nat. surge cont., 4 hr SI = 800#, ret's lt. coal, med water, flow nat. 2 hr, SIW for 4 hr nat. build. 4 hr SI = 825#, ret's lt. coal, hvy water. TIH w/ 6 1/4" bit, RU power swivel. PU singles, tag @ 3170', CO 20' of fill w/ 12 bph mist, form. ran hvy coal. Ret's slowed to lt. coal, dry up wellbore .5 hr, PU to 3034', turn well to night crew. Surge f/ shoe w/ 7 bph mist, .5 hr = 600#, ret's lt. gray water, flow nat. .5 hr between surges, total of 7 surges. Surge w/ 7 bph mist, .5 hr = 1000#, ret's very lt. coal, lt. gray water, flow .5 hr between surges, total of 3 surges

09-20-2005 Surge w/ 7 bph mist, .5 hr = 1000#, ret's very lt. coal, lt. gray water, flow .5 hr between surges, total of 3 surges, SIW for 4 hr natural. 4 hr SI = 750#, ret's lt. water. TIH f/ shoe, tag @ 3108', c/o to 3190', running hvy coal w/ 10% shale, pump sweeps & work pipe. PU to 3034'. P Flow well nat. 1 hr. Surge f/ shoe w/ 10 bph mist, .75 hr = 1000#, ret's lt. coal, med. water, flow nat. .25 hr. Surge f/ shoe w/ 10 bph mist, 35 min. = 800#, ret's lt. to med coal, med water, flow 25 min. between surges, total of 4 surges.

09-21-2005 Surge f/ shoe w/ 10 bph mist, 35 min. = 800#, ret's lt. to med. coal, md. water, flow 25 min. between surges, total of 3 surges, SIW for 4hrs. 4 hr SI = 725#, ret's lt. water. PU singles & TIH, c/o 10' bridge @ 3097', 14' bridge @ 3140', 8' of fill 3180' to 3190', CO rathole to TD @ 3265', circulate clean. Circulate air only .75 hr, bucket test .25 hr, 5 gallons - 40 seconds = 10.7 bph. PU to 3034'. Flow well natural, turn to night crew. Surge f/ 3034' w/ 7 bph mist, .75 hr = 1000#, ret's med. to hvy. coal, med. water, flow nat. 1.25 hr between surges, total of 5 surges

09-22-2005 Flow well nat., SIW for 4 hrs. 4 hr SI = 1000#, ret's lt coal, med wtr. PU singles, TIH, tag @ 3070', est. circ. w/ 12 bph mist, c/o to 3222', ret's hvy coal w/ 15% shale, pump sweeps & work pipe. Dry up wellbore .5 hr, PU to 3034'. Flow well nat., evap pit

09-23-2005 Flow well nat., evap pit. Well flowing nat. PU singles & TIH, tag @ 3165', est. circ. w/ 12 bph mist, form. running med. coal, c/o to TD @ 3265'. Circ. air only .75 hr, PU to 3034'. Flow well nat., evap. pit.

09-24-2005 Flow well nat., evap. pit. Nat. surge f/shoe, 2 hr SI average 350#, ret's lt. mist, flow nat. 1 hr between surges, total of 5 surges

09-25-2005 Nat. surge f/shoe, 2 hr SI = 375#, ret's lt. mist, flow nat. 1 hr, SIW for 4 hr. 4 hr SI = 725#, ret's lt water, flow nat. 2 hr. Nat. surge, 2 hr SI aver. = 375#, ret's lt. colored water, flow nat. 1 hr between surges, total of 5 surges

09-26-2005 NF well, evaporate reserve pit. PU DP & tag fill @ 3070', break circ @ 550 psi w/ 12 bph a/s mist, C/O fill to 3222', rets med to hvy 1/4" coal, run five 5 bbl sweeps & work pipe, rets lt 1/8" coal. Blow well dry, LD 7 jts DP & turn over to night crew. NF well, evaporate reserve pit

09-27-2005 NF well, evaporate reserve pit. PU DP & tag fill @ 3070', break circ w/ 12 bph a/s mist @ 550 psi, CO fill to 3154', rets hvy 1/4" coal, run (4) 3 bbl sweeps & work pipe, well running med to hvy coal between 3135' & 3154', work pipe & circ well, blow well dry. LD 7 jts DP, turn over to night crew, NF well.

09-28-2005 Flow well nat. PU singles, tag @ 3077', est circ w/ 12 bph mist, CO to 3097', running hvy coal fines. Make conn. @ 3097', cont CO to 3128', running hvy coal fines. Make conn., CO 3128' to 3159', run hvy coal fines. Bypass air, PU to 3034', turn well to night crew, flow well nat, evap pit.

09-29-2005 Flow well nat, evap pit. PU singles & TIH, tag @ 3078', est circ w/ 12 bph mist, unloaded hvy coal fines, CO to 3143', running hvy coal fines. Bit @ 3143', running hvy coal fines, fill up 5 gallon bucket in 5 min or less, circ & work pipe. Hvy rain & lightning, bypass air, PU to 3034', turn well to night crew, flow well & evap pit.

09-30-2005 Flow well & evap pit. PU singles, tag @ 3080', est circ w/ 14 bph mist, unloaded hvy black wtr, w/ hvy coal fines, CO to 3190' - 6 hrs, running hvy coal, fines up to 1/4", work pipe 3160' to 3190'. Bypass air, PU to 3034', turn well to night crew, flow well nat & evap pit.

10-01-2005 Flow well nat & evap pit. PU singles, tag @ 3100', est circ w/ 14 bph mist, unloaded hvy black wtr, hvy coal fines, CO to 3190', running med to hvy coal, fines up to 1/16" in size. Make conn, CO rat hole to 3222', running hvy coal. SDFN.

10-03-2005 Csg press = 1250#, BD on 2" line. PU singles, tag @ 3103', CO to 3265' w/ 14 bph mist, running lt to med coal fines. Circ & work pipe. Bypass mist, circ air only .5 hr, PU to 3034', SDFN.

10-04-2005 Csg press 950#, BD on 2" lines. PU singles, tag @ 3110', est circ w/14 bph mist, CO to 3190'. Bypass air, LD 8 jts, RD power swivel, tie back dbl fast, TOO, LD BHA. RU csg crew. PU 5 1/2", 15.5#, J-55, LT&C csg, TIH. RD csg crew. TIH w/ DP, RU power swivel, SDFN.

10-05-2005 Csg press 900#, BD on 2" line. PU singles, tag @ 3090', est. circ. w/ 10 bph mist, circ. & drill liner to TD, bypass air, drop off liner, 5 1/2" shoe @ 3265', 6 jts 5 1/2", 15.5#, J-55 csg, H-Latch sleeve, LT @ 2980' (37' overlap). TOO, LD DP. RU Basin Perforators. Perf the following intervals top down w/ 4 spf., 0.55" dia holes, 24 gram chg, 120 degree: 3036'-46, 3080'-3100', 3150'-68', 190 holes. RD perforators, SDFN.

10-06-2005 Csg press 1100#, BD on 2" line. Tally 2 7/8" 6.5# J-55 prod. tbg, PU & TIH, land tbg as follows top down: tbg hanger, 96 jts, 2.28 SN @ 3146', 1 jt, 1/2 mule shoe landed @ 3181'. RD floor, ND BOP. NU tree & test. 3000#, pump off check @ 1000#, press drop to 300#. Turn well to production department, release rig @ 1900 hrs, 10/6/05.