

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED ROAD JAN 25 07
Budget Bureau No. 1004-01351 CONS. DIV.
Expires: March 31, 1993 DIST. 8

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.
NMSF-078768

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #362

9. API Well No.
30-039-29672

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
RIO ARRIBA, NM

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1625' FSL & 1560' FWL, NE/4 SW/4 SEC 36-T31N-R05W

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

TYPE OF SUBMISSION

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other Completion

Change of Plans
New Construction
Non-Routine Fracturing
Wtr Shut-Off
Conversion to Injection
Dispose Wtr
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

07-18-2006 MIRU, ND WH, NU BOP, NU blooie line, RU floor w/ BJ tongs, SDON.

07-19-2006 PU DC's & DP, tagged cmt @ 3397', RU 3.5 power swivel, drill float collar @ 3419', drld to 3464', circulate bottoms up, pull up one joint, bit in 7" casing, SDON.

07-20-2006 Drld from 3464' to 3580', tagged hard, cannot drill through, TOH, inspect drl bit. SDFN.

07-21-2006 TIH to 3580', tagged hard, cannot drill through, LD 2 jts, drill bit is in 7", SD for weekend.

07-24-2006 TIH to 3560' w/ Gyro, TOO H w/ Gyro, TOO H w/ tubing, remove drill bit & sub, TIH w/ tbg to 3577', BJ pumps 35 sacks of Type III Neat cmt, LD 12 jts, SDFN.

07-25-2006 TIH & drl cmt to 3520', TOO H w/ tbg, TIH w/ wireline & set CIBP @ 3455', SDFN.

Continued on Back

14. I hereby certify that the foregoing is true and correct

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date October 19, 2006

(This space for Federal or State office use)

Approved by _____

Title _____

Date JAN 26 2007

Conditions of approval, if any:

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE
BY [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

07-26-2006 RU whipstock, TIH w/ whipstock. SDFN.

07-27-2006 Set whipstock, orient whipstock to 313 degrees Azimuth, milled window from 3444' to 3453', TOO H & change to BHA, TIH, SDFN.

07-28-2006 Completed window, milled window from 3444' to 3453', TOO H, SDFN.

07-31-2006 Change rig blocks, change winch line, make repairs to swivel, SD.

08-01/02-2006 Rig SD, WO directional tools.

08-03-2006 RU power swivel with different bail to accommodate Gyro Data WL, Pathfinder wanted window opened from 6 1/8" to 6 1/4", TIH w/ 6 1/4" watermelon mill, mill window, circulate hole clean, TOH, set generator for Pathfinder Directional, generator did not work, will have mechanic in AM, SDFN.

08-04-2006 Work on Aztec's generator, make up directional tools, test MWD and motor w/ pump, MU bit, scribe gyro UBHO sub, TIH, bit 30' above window. SDFN

08-05-2006 RU Black Warrior and Gyro Data, TIH w/ Gyro Data on Black Warrior WL, orient tool face w/ Gyro Data, time drill from 3449' to 3457', gyro TF = 315 deg, slide from 3457' to 3465', gyro = 315', circulate bottoms up, pull into 7" csg, SDFN.

08-06-2006 Tag TD, pull WL out of hole, rotate from 3465' to 3509', check w/ MWD @ 3462', 3.7 deg incl, 308.43 deg AZ, RD Black Warrior, release Gyro Data, slide from 3509' to 3517', rotate from 3517' to 3571', check MWD @ 3524', 4.75 deg incl, 301.04 deg AZ, rotate from 3571' to 3596', circulate bottoms up, pull into 7" csg, SDFN.

08-07-2006 TIH to bottom, rotate from 3596' to 3666', MWD reading @ 3619', 4.22 deg incl, 310.18 deg AZ, rotate from 3666' to 3722' (TD), circulate bottoms up, TOO H, LD and load out directional tools, secure location, mud logged 45' of net coal, SDFN.

08-08-2006 RU Halliburton to log, ran SDC, DSN and Gamma logs, RD Howco, SDON.

08-09-2006 PU under reamer, TIH, unloaded well w/ air @ 1000', 2000' and 3444', under ream from 3459' to 3589', under reamed a total of 130', circulate hole clean, pull into 7" csg, SDON.

08-10-2006 Csg pressure 750 psi, under ream from 3589' to 3722', circulate hole clean, pull into 7" csg, LD DP & DC's, load out under reamer, SDON.

08-11-2006 Csg pressure 800 psi, RD power swivel, strap & PU 2 7/8" tubing, ran 110 jts 6.5#, J-55, EUE 8rd tubing, 2.25" ID F-Nipple @ 3411', ND BOP, NU WH, RD, will cavitate & run liner when rig becomes available.

08-22-2006 MIRU, bleed well down, ND WH, NU BOP, NU blooie line, PU tongs, SDFN.

08-23-2006 Bleed well down @ 2" line, SIP 630#. Pull donut, TOO H & strap, 110jnts 2.875 tbq. RU to cavitate from surface, build to 500# w/ air mist to test BOP stack for leaks held for 15min w/ no leak off. Begin to cavitate from surface w/ natural & energized surges. Turn well over to flowback hand & airhand for overnight cavitation. SDFN.

08-24-2006 Overnight cavitation w/ natural & energized buildup. 4 hr SIP 225#. TIH for CO, tagged bridge @ 2930'. Very hvy returns of fine to 1/4" coal w/ hvy wtr at times, cleaned to 3302' w/ continued hvy returns. Pressure up on well to 900# & SDFN.

08-25-2006 Bleed well down @ 2". Well is bridged off below 3302' est circ w/ 10 bph air mist & begin CO. CO to 3655', very hvy returns of fine to 1/2" coal & a small amount of 1/2" shale hvy black wtr at times. Secure well & equipment, turn over to airhand & flowback hand for weekend cavitation.

08-26-2006 Cavitate w/ natural & energized surges, hvy returns of fine to 1/4" coal & hvy black wtr, good increase in gas flow.

08-27-2006 Cavitate w/ natural & energized surges, hvy returns of fine to 1/4" coal & hvy black wtr. Coal returns, wtr returns, natural build up pressure & gas flow decreased late afternoon, most likely due to fill or a bridge in the open hole.

08-28-2006 Overnight cavitation w/ natural & energized buildup. 4 hr SIP 300#. TIH CO to top of rat hole, tagged bridge @ 3420', hvy coal returns, fine to 1/2", some hvy black wtr at times. LD 9 singles & pull into 7" csg. Secure well & equipment turn over to air hand & flow back hand for overnight cavitation.

08-29-2006 Overnight cavitation w/ natural & energized buildup. 4 hr SIP 780#. Start equipment, JHA. RD & LD 2.5 power swivel. PU & RU 3.5 power swivel. TIH, CO to 3655'. LD 9 singles & pull into 7" csg. Secure well & equipment, turn over to airhand & flowback hand for overnight cavitation.

08-30-2006 Overnight cavitation w/ natural & energized buildup. 4 hr SIP 1050#. TIH CO to TD @ 3722', tagged bridge @ 3420', hvy coal fine to ½", some shale up to ½" about 10%, hvy black wtr at times. Blow well dry w/ air. LD 9 singles & pull into 7" csg. Secure well & equip, turn over to airhand & flowback hand for overnight cavitation.

08-31-2006 Overnight cavitation w/ natural & energized buildup. 4 hr SIP 1050#. TIH CO to TD @ 3722', tagged bridge @ 3420', started getting sticky LD 2 singles, est circ. Hvy coal returns some shale no wtr. Continue CO to TD, hvy drag in rat hole. Stuck @ 3650', worked loose. TOOH pull into 7" csg, power swivel head locked up laying down singles, RD 3.5 power swivel, finish laying down singles, RU circulating hose. Secure well & equipment turn over to airhand & flowback hand for overnight cavitation.

09-01-2006 Overnight cavitation w/ natural & energized buildup. 2hr SIP 650#. PU singles, tagged @ window est circ. CO to TD. Very hvy returns of fine to ½" coal, lt shale, & hvy black wtr. LD 9 singles & pull into 7" csg. Secure well & equipment turn over to airhand & flowback hand for overnight cavitation.

09-02-2006 Overnight cavitation w/ natural & energized buildup. 2hr SIP 700#. PU singles, tagged @ window est circ. CO to TD. Very hvy returns of fine to ½" coal, lt shale, & hvy black wtr. LD 9 singles & pull into 7" csg. Secure well & equipment turn over to airhand & flowback hand for overnight cavitation.

09-03-2006 Cavitate w/ natural & energized surges, hvy returns of fine to ¼" coal & hvy black wtr, good increase in gas flow.

09-04-2006 Cavitate w/ natural & energized surges, hvy returns of fine to ¼" coal & hvy black wtr. Well had bridged off, tried to clear w/ surges, no circulation, left blooie lines open for 1 hr to try & clear, no results. Shut well in & released flowback & airhand.

09-05-2006 Well SI bridged off, csg 650# psi, stand pipe 1000# psi. Shut in yesterday @ 18:00 w/ 1100# of standpipe & 0# psi on csg. Surged well to pit, very hvy returns of fine to ½" coal, well cleared bridge, flow hvy coal returns to about an hour. Good increase in gas flow. PU singles, tagged @ window est circ, CO to TD. Very hvy returns of fine to ½" coal, lt shale, & lt black wtr. Secure well & equipment, turn over to airhand & flowback hand for overnight cavitation.

09-06-2006 2 hr SIP 700#. Surge well to pit, returns med fine to 1/8" coal, lt black wtr. PU singles, tagged fill @ 3560' est. circ. Pump sweeps as needed. Moderate drag in rathole. CO to TD. LD 9 singles & pull into 7" csg flow well to pit. Bucket test 9.5 bph wtr. Secure well & equipment turn over to airhand & flowback hand for overnight cavitation.

09-07-2006 Overnight cavitation w/ natural buildup. 4hr SIP 800#. Surge well to pit, returns very light fine coal, hvy grey wtr. PU singles, tagged lt bridge @ 3590' est circ. Pump sweeps as needed. Tagged very hard fill @ top of rathole @ 3640' returns fine grit & hvy wtr. CO to TD. LD 9 singles & pull into 7" csg. Secure well & location SION.

09-08-2006 SIP 1000#. Bleed well down @ 2" line, PU DP singles, TIH check for fill. Tagged tight spot @ 3640' top of rathole. est circ. CO is very slow, fill is very hard. CO to TD, will flow & flare well until morning. LD 9 singles & pull into 7" csg. Secure well & equipment, light flare, turn over to flowback hand. Flow well to pit overnight w/ flare, evaporate pit wtr.

09-09-2006 PU DP singles, TIH check for fill. Tagged tight spot @ 3630' top of rathole est circ. CO to TD, TOOH to surface. RU San Juan csg, PU & RIH, used 6 ¼" bit, bit sub, 8 jts 5 ½" 17# csg, TIW H-latch, & setting tool. RD SJ casers. TIH w/ liner assembly & 2 7/8" DP, tagged tight spot @ top of rathole. RU 3.5 power swivel est circ. Began drlg liner down. Drilled liner down approx 15' at which time the liner parted. RD & hang 3.5 power swivel, TOOH to surface w/ DP & at least 1 jt of 5 ½" liner. SWION.

09-10-2006 SIP 900#. RU equalizer line from rig side csg valve to blooie line. Attempted to bleed well down @ 2" line & equalizer line. Well will not bleed down enough to safely pull liner. DP & liner is trying to move up the hole. Pump approx 140 bbl produced wtr down backside in attempt to kill well. Attempted to pull liner, well pressure tried to push string up the hole. Shut pipe rams & controlled well. RD San Juan casers, secure well, release rig to flowback hand. Flare well overnight.

09-11-2006 RU BJ Services pump truck to kill well. RU SJ csg crew, pumped approx 100 bbl produced wtr down backside of csg @ 7 bpm, well went on a vacuum, cut pump rate to 2 bpm. Began pulling 1 jt DP & parted liner, kept continuous pump rate @ 2 bpm to keep well dead. LD 1 jt DP & LD 3 jts 5 ½" csg. Casing had parted on top of 4th jt @ bottom thread, dutchman in collar @ the bottom of jt 3, it is a very clean break. Left 5 jts 5 ½" liner in hole. Bottom of liner is @ 3642', liner top is @ 3436', top of 7" window is @ 3444', 8' of overlap, 80' of rathole below liner bottom.

09-12-2006 SIP 1040#. RU Basin to perforate. Basin ran a collar strip, top of liner @ 3434', bottom of liner @ 3640'. Top of window @ 3444', 10' of overlap. Perforated liner @ 3570' to 3635', 65' w/ 4 shots per foot 260 shots, 3545' to 3555', 10' 40 shots, 300 total shots. RU equalizer line from csg valve to cav spool. Slowly bleed well down @ 2" line & blooie line. TIH w/ 105 jts DP, TOOH & LD DP, secure well & location, turn over to flowback hand. Flow well to pit overnight.

09-13-2006 TIH w/ 117 jts 2-7/8", 6.5#, j-55 tbq, land @ 3627' (13' off bottom) as follows: half muleshoe expendable check, 1 jt tbq, 2.25" "F" nipple @ 3597', 116 jts tbq. RD power swivel, ND BOP, ND blooie lines, NU wellhead. Test tbq hanger to 1500#. Pump off expendable check @ 800# psi check tbq for flow. Turn well to production department, release rig.