

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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.
SF-078767 078764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #17B

9. API Well No.
30-039-26971

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK

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 25-1, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1480' FSL & 2360' FEL, NW/4 SE/4 SEC 20-31N-05W

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
Water Shut-Off
Conversion to Injection
Dispose Water
(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.)*

06/25/2002 MIRU & spot equip. NDWH, NU BOPs. C/O to run 2 3/8" tbg. Hold rig inspection & safety audit. Tally in w/4 3/4" bit, BS & 260 jts 2 3/8" tbg, tag soft cmt @ 8098'. RU power swivel, pump & pit. Break circ w/2% KCl. Circ soft cmt f/8098'- 8110' (ft clr). Circ hole clean w/180 bbls 2% KCl. Pres test csg to 2000 psi & held

06/26/2002 RD swivel, LD 3 jts 2 3/8" tbg. PU & set 5 1/2" compression pkr @ 30'. RU BJ, pres test csg to 6000 psi & held. Rel pkr & LD same. PU two 6' pup jts, EOT @ 8041'. Spot 250 gals 15% hcl acid across Dakota, RD BJ. TOOH w/bit. RU Black Warrior, perforate Dakota top down in acid 1 spf w/4" SFG, .46" dia, 22.12" pen & 19 grm chgs @ 7954', 56', 59', 60', 62', 64', 66', 69', 8002', 04', 06', 07', 12', 14', 16', 37' & 39', all shots fired (17 total) RD BW. ND stripper head & swing, RU yellow dog & spray bar

06/27/2002 RU BJ, hold safety mtg. Pres test lines. Breakdown Dakota @ 3190 psi, est inj rate of 22 bpm @ 3120 psi, ISIP = 2180 psi. Acidz w/500 gals 15% HCl acid & 30 balls, ball off @ 5600 psi. Recover 30 balls w/17 hits. Frac Dakota w/4500 lbs 100 mesh ahead, 92,600 lbs 20/40 Ottawa sand & 5100 lbs 14/30 FLEX sand @ 12% by volume on 3 ppg sand, carried in a 20Q Vistar foam. MIR = 38 bpm, AIR = 36 bpm, MTP = 4753 psi, ATP = 4129 psi, ISIP = 4045 psi, job complete @ 1145 hrs. ND tree saver. RD BJ, RU flowback manifold. Flowback on 1/8" choke, starting pres @ 2850 psi

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____

Title _____

Date AUG 22 2002
FARMINGTON FIELD OFFICE
BY [Signature]

Conditions of approval, if any:

06/28/2002 Flowback Dakota on 1/8" choke (24 hrs), returns broken gel, N2 & lt sand. Starting flowback pressure @ 1200 psi, ending pres @ 500 psi

06/29/2002 Flowback Dakota on 1/8" choke (16 hrs), returns broken gel, N2 & lt sand. Starting flowback pressure @ 500 psi, ending pres @ 450 psi. Flowback on 1/4" choke (8 hrs), ret's broken gel, N2, gas & lt sand, starting pres @ 450 psi, ending pres @ 650 psi

06/30/2002 Flow back on 1/2" choke (5 1/2 hrs), ret's med mist, N2, gas & lt sand, starting pres @ 650 psi, ending pressure @ 700 psi. Open on 2" line, ret's heavy mist, gas & med sand. Travel to loc, hold safety mtg. NU mud cross, stripper head, swing & blooie line. Stage in w/bit, tag 71' of fill @ 8039' (bottom perf) well unloading on own. Break circ w/5 bph air/soap/CI mist. CO to PBTD @ 8110', run two 6 bbl sweeps. Blow well w/air only, PU bit to 7900'. Flow natural on 6" line. Gauge well on 2" open line, all gauges dry = 615 mcf/d. TOOH w/ bit

07/01/2002 SICP = 1450 psi, ND stripper head, NU lubricator. WL set 5 1/2" CBP @ 6020', blow well down. ND lubricator, NU stripper head. TIH open ended to 6020'. RU BJ, load/circ hole clean w/140 bbls FW. Pressure test plug to 3600 psi & held. LD 2 jts, EOT @ 5970'. Spot 500 gals 15% HCl acid across Point Lookout, TOOH w/tbg. Perforate Point Lookout top down in acid 1 spf w/3 1/8" SFG, .33" dia, 16.76" pen & 10 grm chgs @ 5749', 57', 65', 67', 68', 72', 76', 79', 83', 86', 90', 98', 5826', 29', 31', 43', 45', 48', 82', 84', 5904', 66', 68' & 70' all shots fired (24 total), RD BWWC. RD rig floor, ND stripper head & mud cross, ready to frac

07/02/2002 RU BJ, hold safety mtg & pres test lines. Breakdown PLO @ 1000 psi, est inj rate of 32 bpm @ 1630 psi, ISIP = vacuum. Acdz PLO w/1000 gals 15% HCl acid & 40 balls, ball off @ 3600 psi. Recover 22 balls w/21 hits. Frac PLO w/82,000 lbs 20/40 Az sand & 1989 bbls fw, MIR= 86 bpm, AIR= 78 bpm, MTP= 3515 psi, ATP= 3380 psi, ISIP=450 psi, 1 min vac. WI set 5 1/2" composite BP @ 5715'. Pres test BP to 3600 psi & held. Perforate CH/Men bottoms up 1 spf under 2000 psi w/3 1/8" sfg, .33" dia, 16.8" pen & 10 grm chgs @ 4952', 4700', 61', 4865', 5239', 55', 57', 5386', 5485', 89', 91', 92', 94', 96', 5537', 38', 40', 42', 45', 48', 75', 77', 81', 83', 93', 5608', 12', 14', 16', 19', 63' & 5704' all shots fired (32 total). Breakdown CH/Men @ 2880 psi, est inj rate of 29 bpm @ 2980 psi, ISIP = 440 psi. Acdz CH/Men w/1000 gals 15% HCl acid & 50 balls, ball off @ 3600 psi. Recover 41 balls w/31 hits. Frac CH/Men w/78,000 lbs 20/40 Az & 1842 bbls fw, MIR= 105 bpm, AIR= 99 bpm, MTP= 3420 psi, ATP= 3260 psi, ISIP= 320 psi, job complete @ 1345 hrs. RD BJ, ND frac Y, RU rig floor, NU swing & stripper head. TIH w/4 3/4" mill to 4250', RU swivel. Unload well w/air only. Flow natural overnight, evaporate pit

07/03/2002 Cont in w/mill, tag 56' of fill @ 5659', RU power swivel. CO to CBP @ 5715' w/5 bph air/soap/CI mist, run two 6 bbl sweeps. Blow well w/air only. Flow natural on 6" blooie line. Gauge well on 2" open line, all gauges med-hvy mist = 2336 mcf/d. Break circ w/15 bph a/s/ci mist, mill off top of CBP @ 5715'. Let well unload. Mill on & push bttm 1/2 of CBP to 2nd CBP @ 6020', run 6 bbl sweep. Blow well w/air only, RD swivel. PU mill to 4560'. Turn over to flowback, flow natural & evaporate pit

07/04/2002 TIH & tag 7' of fill @ 6013', RU power swivel. CO to CBP @ 6020' w/5 bph air/soap/CI mist, run 6 bbl sweep. Blow well w/air only. Flow natural on 6" blooie line. Gauge well on 2" open line, all gauges med mist & 47 psi = 5369 mcf/d. Break circ w/15 bph a/s/ci mist, mill off top of CBP @ 6020'. Let well unload. Mill on & push bttm 1/2 of CBP to 8088' (22' of fill). CO to pbtd @ 8110', run two 6 bbl sweeps. RD swivel, PU mill to 5715'. Turn over to flowback, flow natural & evaporate pit

07/05/2002 TIH & tag 17' of fill @ 7993', RU swivel. CO to pbtd @ 8110' w/5 bph air/soap/CI mist, run two 6 bbl sweeps. Blow well w/air only. Flow natural on 6" blooie line. Gauge well on 2" open line, all gauges lt mist = 4832 mcf/d. RD swivel, PU mill to 7798'. Service equip, turn over to flowback, flow natural & evaporate pit

07/06/2002 Flow natural & evaporate pit. Pit dry @ 1300 hrs, SI & SWFN

07/07/2002 SICP = 720 psi, blow well down. Tag/CO 7' of fill f/8102'- 8110'(pbtd), run 6 bbl sweep. TOOH laying down w/2 3/8" work string. WL set 5 1/2" mod D pkr @ 6100'. NU swing & stripper head, c/o to run 2 1/16" tbg. Tally in w/2 1/16" prod tbg. Space out & land long string in pkr w/10,000 lbs compression @ 8038' kb w/250 jts total. SI & SWFN

07/08/2002 SICP = 700 psi, blow well down. NU offset spool & stripper head, c/o rams. Tally in w/short string. Land short string in hanger @ 5977' kb as follows: 6' perf sub, 1 jt 2 1/16" tbg, 1.50" s/n & 185 jts 2 1/16" (186 total). RD rig floor, ND stripper head, swing & blooie line. NUWH, pres test to 3000 psi & held. Pump 5 bbls ahead, pump out long string plug @ 1550 psi, pump out short string @ 600 psi. Recover load wtr. RD rig & equip, clean up loc. Turn well to production department. Final report