

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-078766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

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

8. Well Name and No.  
ROSA UNIT #79B

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-039-26920

3. Address and Telephone No.  
PO BOX 3102 MS 25-1, TULSA, OK 74101 (918) 573-6254

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
975' FNL & 2600' FWL, NE/4 NW/4 SEC 22-31N-06W

11. County or Parish, State  
RIO ARRIBA, NM

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.)\*

07/09/2002 MIRU, NDWH, NU BOP's. C/O to run 2 3/8" tbg. Tally in w/4 3/4" bit, BS & 254 jts 2 3/8" tbg, tag soft cmt @ 7939'. RU power swivel, pump & pit. Break circ w/2% KCl. Circ soft cmt from 7939' - 7943' (float collar). Circ hole clean w/180 bbls 2% KCl. Pressure test csg to 2000 psi & held

07/10/2002 RD swivel, LD 2 jts 2 3/8" tbg. PU & set 5 1/2" compression pkr @ 30'. RU BJ, pres test csg to 6000 psi & held. Release pkr & LD same. PU two 6' pup jts, EOT @ 7880'. 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 @ 7822', 24', 26', 28', 31', 35', 37', 72', 74', 76' & 80', all shots fired (11 total) RD BWWC. ND stripper head & swing, RU yellow dog & spray bar

07/11/2002 RU BJ, hold safety mtg. Pres test lines. Dakota's broke, est inj rate of 24 bpm @ 3010 psi, ISIP = 1680 psi. Acdz w/500 gals 15% hcl acid & 20 balls, ball off @ 6090 psi. Recover 3 balls w/3 hits. Frac Dakota w/4500 lbs 100 mesh ahead, 85,400 lbs 20/40 Ottawa sand & 6000 lbs 14/30 FLEX sand @ 12% by volume on 3 ppg sand, carried in a 20Q Vistar foam. MIR = 39 bpm, AIR = 36 bpm, MTP = 4343 psi, ATP = 3795 psi, ISIP = 3560 psi, job complete @ 1445 hrs. ND tree saver. RD BJ, RU flowback manifold. Flowback on 1/8" choke, starting pres @ 2700 psi

Continue on Back

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

Signed Tracy Ross  
Tracy Ross

Title Production Analyst

Date August 12, 2002

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date AUG 15 2002

Conditions of approval, if any:

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE  
BY [Signature]

07/12/2002 Flowback Dakota on 1/8" choke (20 hrs), returns broken gel, N2 & lt sand. Starting flowback pressure @ 1100 psi, ending pres @ 200 psi. Flowback on 1/4" choke (4 hrs), ret's broken gel, N2 & lt-med sand, starting pres @ 200 psi, ending pres @ 1000 psi

07/13/2002 Flowback Dakota on 1/4" choke (24 hrs), returns broken gel, N2 & lt-med sand. Starting flowback pressure @ 1000 psi, ending pres @ 600 psi

07/14/2002 Flow back on 1/2" choke (5 1/2 hrs), ret's med mist, N2, gas & lt-med sand, starting pres @ 600 psi, ending pres @ 200 psi. Open on 2" line, ret's hvy mist, gas & med sand. Travel to loc, hold safety mtg. NU mud cross, stripper head, swing & blooie line. Stage in w/bit, tag 63' of fill @ 7880' (btm perf). Break circ w/5 bph air/soap/CI mist. CO to PBTB @ 7943', run two 6 bbl sweeps. Blow well w/air only, PU bit to 7880'. Flow natural on 6" line. Gauge well on 2" open line, all gauges dry & 4 psi = 1236 mcf/d. TOOH w/ bit

07/15/2002 SICP = 1560 psi, ND stripper head, wait on lube head f/town, NU lubricator. WL set 5 1/2" CB @ 5840', blow well down. ND lubricator, NU stripper head. TIH open ended to 5840' RU BJ, load/circ hole clean w/140 bbls FW. Pres test plug to 3600 psi & held. LD 2 jts EOT @ 5783'. Spot 500 gals 15% HCl acid across PLO. TOOH w/tbg. Perforate PLO top down in acid 1 spf w/3 1/8" pen & 10 grm chgs @ 5066', 68', 5191', 5314', 19', 22', 5404', 07', 11', 36', 40', 43', 47', 5501', 03', 06' & 09', 15', 18', 22', 24', 32', 35', 41', 47', 54', 89', 94', 5700', 32', 78' & 83', make 2 runs, misfire 1<sup>st</sup> run, all shots fired (28 total), RD BWWC. RD rig floor, ND stripper head & mud cross

07/16/2002 Acdz PLO w/1000 gals 15% HCl acid & 50 balls, ball off @ 3600 psi. Recover 33 balls w/28 hits. Frac PLO w/80,720 lbs 20/40 Az & 1933 bbls fw, MIR= 112 bpm, AIR= 109 bpm, MTP= 3580 psi, ATP= 3400 psi, ISIP=130 psi, 1 min vac. WL set 5 1/2" composite BP @ 5530'. Pres test BP to 3600 psi & held. Perforate CH/Men bttm up under 2000 psi 1 spf w/3 1/8" sfg, .33" dia, 16.8" pen & 10 grm chgs @ 5066', 68', 5191', 5314', 19', 22', 5404', 07', 11', 36', 40', 43', 47', 5501', 03', 06' & 09', all shots fired (17 total). Acdz CH/Men w/1000 gals 15% HCl acid & 30 balls, ball off @ 3600 psi. Recover 8 balls w/8 hits. Frac CH/Men w/80,000 lbs 20/40 Az & 1806 bbls fw, MIR= 75 bpm, AIR= 71 bpm, MTP= 3550 psi, ATP= 3450 psi, ISIP= 240 psi, job complete @ 1330 hrs. RD BJ, ND frac Y, RU rig floor, NU swing & stripper head. TIH w/4 3/4" mill to 4125', RU swivel. Unload well w/air only. Flow natural overnight, evaporate pit

07/17/2002 Unload & blow well w/air only f/4125'. Continue in w/mill, tag 29' of fill @ 5501', RU power swivel. CO to CBP @ 5530' w/5 bph air/soap/CI mist, run 6 bbl sweeps. Break circ w/15 bph a/s/ci mist, mill off top of CBP @ 5530'. Let well unload. Mill on & push bttm 1/2 of CBP to 2<sup>nd</sup> CBP @ 5840', run 6 bbl sweep. Blow well w/air only, RD swivel. PU mill to 5000'. Turn over to flowback, flow natural & evaporate pit

07/18/2002 TIH & tag 25' of fill @ 5815', RU power swivel. CO to CBP @ 5840' w/5 bph air/soap/CI mist, run two 6 bbl sweeps. Blow well w/air only, RU new yellow dog. Flow natural on 6" blooie line. Gauge well on 2" open line, all gauges med mist & 58 psi = 6264 mcf/d. Break circ w/15 bph a/s/ci mist, mill off top of CBP @ 5840'. Let well unload. Mill on & push bttm 1/2 of CBP to 7933' (10' of fill). CO to pbtb @ 7943', run two 6 bbl sweeps. RD swivel, PU mill to 5840'. Turn over to flowback, flow natural & evaporate pit

07/19/2002 TIH & tag 6' of fill @ 7937', RU swivel. CO to PBTB @ 7943' 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 mist & 66 psi = 6979 mcf/d. RD swivel, PU mill to 7630'. Service equip, turn over to flowback, flow natural & evaporate pit

07/20/2002 Flow natural & evaporate pit. Pit dry @ 1200 hrs

07/21/2002 SICP = 800 psi, blow well down. Tag 3' of fill @ 7940' TOOH laying down w/2 3/8" work string. WL set 5 1/2" mod D pkr @ 5950'. 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/11,000 lbs compression @ 7859' kb as follows: 1/2 mule shoe, 1 jt 2 1/16" tbg, 1.50" s/n, 58 jts 2 1/16" tbg, seal bore assembly w/5 seals, 183 jts 2 1/16", 10' 8' 2" pup jts, 1 jt 2 1/16" tbg

07/22/2002 SICP = 700 psi, blow well down. NU offset spool & stripper head, c/o rams. Tally in w/short string. Land short string in tbg hanger @ 5977' as follows: 6' perf sub, 1 jt 2 1/16" tbg, 1.50" s/n & 178 jts 2 1/16" (179 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 @ 1350 psi, pump out short string @ 700 psi. Recover load wtr. RD rig & equip, clean up loc. Turn well to production department