

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-078764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
ROSA UNIT #23C

9. API Well No.
30-039-27609

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE/BASIN DAKOTA

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)
2060' FSL & 220' FWL, NW/4 SW/4 SEC 29-31N-05W

CHECK APPROPRIATE BOX(es) 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.)*

11-06-2004 MIRU, ND WH, NU BOPs, swing & blooie line, spot in floats w/ workstring, SDFN.

11-08-2004 RU rig on 2 lines. Tally, PU & TIH w/4 3/4" bit, BS & 253 jts 2 7/8" tbg, tag soft cmt @ 8040'. RU power swivel, CO stripper rubber. RU pump & pit, break circ w/2% KCl. DO soft cmt from 8040' to 8068' (float collar), DO float collar & shoe jt to 8085' (PBDT). Circulate clean w/ 2% KCl, SDFN.

11-09-2004 Hang swivel back, LD 2 jts. PU & set 5 1/2" tension pkr @ 30', bit @ 8080'. RU BJ, pres test csg to 6000 psi & held, rel pkr, spot 250 gals 15% hcl acid DK interval. Break & load out pkr, CO stripper rubber. TOOH w/bit. ND stripper head, NU lube head, RU Black Warrior WL. Perforate DK interval 3 spf w/3 1/8" sfg, .36" dia, 17" pent & 11 grm chgs @ 7898', 7906', 13', 44', 53', 63', 87', 96', 8024', 28', 32', 36', 40', 44', 50', 76' & 80', all shots fired (51 total). NU tree saver, RU BJ, hold safety mtg w/all personnel, pres test lines to 7600 psi. Breakdown DK perfs @ 4222 psi, est inj rate of 14 bpm @ 2750 psi, ISIP= 1850 psi. Acdz DK w/500 gals 15% hcl acid & 80 Bio-balls, ball off @ 5600 psi, surge balls off. Let balls dissolve, take ball gun out of line. Frac DK w/60,000 lbs 20/40 Econoprop @ 1/2, 1, 2, 3, 4 & 5 ppg sand carried in a Lightning 2200 60Q N2 foam, MTP= 4670 psi, ATP= 4350 psi, MIR= 35 bpm, AIR= 35 bpm, ISIP= 4070 psi, 5 min= 3520 psi, 10 min= 3320 psi, 15 min= 3170 psi, total FW= 565 bbls, total N2= 1,000,200 scf. RD BJ, ND tree saver, NU flowback manifold, turn over to flowback hand, flowback on 1/8" choke. Flowback on 1/8" choke, starting pres @ 2900 psi, ending @ 1600 psi, ret's broken gel & N2.

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

Signed Tracy Ross

Title Sr. Production Analyst

Date December 27, 2004

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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.

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11-10-2004 Flowback on 1/8" choke, starting pres @ 1600 psi, ending @ 900 psi, ret's broken gel, N2 & trace to lt sand

11-11-2004 Flow back on 1/4" choke, starting pres @ 900 psi, ending @ 800 psi, ret's broken gel, N2 & trace to lt sand
18:00 06:00 P Flow back on 1/2" choke, starting pres @ 800 psi, ending @ 500 psi, ret's med mist, lt sand & gas, open on 2" full open line @ 0600 hrs.

11-12-2004 RU Black Warrior. Set 5 1/2" CIBP @ 5920', setting tool hung up, attempt to work free & pull out of rope socket. ND lube head, NU stripper head, RU rig floor, MU fishing tools. TIH w/ overshot to 5860', load hole w/fw, circ down on setting tool & latch on, LD 2 jts, eot @ 5866'. Pres test csg & BOPs to 3600 psi & held, spot 500 gals 15% HCl acid across PLO interval, RD BJ. PU 2 jts, set down on setting tool, TOOH w/fish. RUWL, perforate PLO top down in acid 1 spf w/3 1/8" sfg, .33" dia, 17" pen & 10 grm chgs @ 5666', 68', 70', 72', 74', 76', 78', 81', 84', 87', 5710', 12', 14' 16' 18', 22', 24', 26', 30', 36', 38', 40', 42', 47', 53', 57', 63', 66', 69', 75', 80', 83', 90', 95', 5810', 15', 26', 30', 34', 52', 56', 63' & 66', all shots fired (43 total), cut 2000' of line, re-head & finish job. Flush csg w/30 bbls 2% kcl, drain up, SION.

11-15-2004 MIRU BJ, acidize PLO w/ 1000 gals 15%b HCL acid & 65 balls, ball off @ 3600 psi. RIH w/junk basket, recover 39 balls w/37 hits. Frac PLO w/ 9300 lbs 14/30 LiteProp 125 ahead @ 0.1, 0.2 & 0.3 ppg, tailed in w/5000 lbs 20/40 Brown sand @ 1 ppg carried in slickwater, MIR= 106 bpm, AIR= 85 bpm, MTP= 3600 psi, ATP= 3550 psi, ISIP= 230 psi, 5min= vac, total fw= 2112, total FRW= 74 gal. WL set 5 1/2" RBP @ 5630', dump bail sand on top of plug. Pres test csg & RBP to 3600 psi & held. Perforate CH/Men 1 SPF bttm up under 2000 psi w/3 1/8" SFG, .33" dia, 17" pen & 10 grm chgs @ 5209', 12', 22', 28', 30', 36', 46', 54', 60', 69', 74', 5363', 69', 73', 77', 5437', 42', 44', 46', 74', 82', 85', 87', 89', 92', 94', 96', 98', 5502', 05', 10', 13', 22', 24', 26', 31', 88', 91', 94', 96', 98' & 5600', make 2 runs, all shots fired (42 holes ttl). Breakdown CH/Men @ 825 psi, est inj rate of 14 bpm @ 600 psi, acdz w/1000 gals 15% hcl acid & 65 ball sealers, ball off @ 3400 psi. RIH w/junk basket, recover 25 balls w/25 hits, RD BWWC. Frac CH/Men w/9300 lbs 14/30 LiteProp 125 ahead @ 0.1, 0.2 & 0.3 ppg, tailed in w/5000 lbs 20/40 Brown sand @ 1 ppg carried in slickwater, MIR= 93 bpm, AIR= 88 bpm, MTP= 3600 psi, ATP= 2450 psi, ISIP= 385 psi, 5 min= 273 psi, total fw = 2013 bbls. RDBJ, ND frac Y, NU stripper head & swing, RU rig floor. Drain up, secure well for night.

11-16-2004 MU bit, stage in w/bit. Unload well every 2000' w/air only, tag 34' of fill @ 5596'. RU power swivel. Unload & blow well w/air only from 5596', ret's hvy wtr & light sand. CO w/8 bph a/s mist from 5596' – 5630' (RBP). Blow well w/ air only from 5630', ret's hvy-med wtr & light sand. Hang swivel back, PU bit above perms to 5910'. Drain up, put yellow dog online, turn over to flowback, flow natural & evaporate pit.

11-17-2004 TIH & tag 20' of fill @ 5610'. RU power swivel, break circ w/8 bph a/s mist. CO f/5610'- 5630' (rbp), run 6 bbl sweep. Blow well w/air only, bucket test = 9 bph. Hang swivel back. TOOH w/bit. MU tools, TIH w/ret tool to 5610'. RU swivel, unload & break circ w/7 bph a/s mist. Circ down over rbp, work & attempt to latch onto rbp but wouldn't J on, hang swivel back. TOOH w/ret tool. Drain pumps & lines, turn over to flowback, flow natural & evaporate pit.

11-18-2004 MU tools, TIH w/overshot to 5622'. RU swivel, break circ w/10 bph a/s mist. Circ over RBP, run 6 bbl sweep, latch onto RBP @ 5630', hang swivel back. Trip/drag RBP out, break & load out same. MU & TIH w/4 3/4" bit, tag 150' of fill @ 5770'. RU power swivel, break circ w/8 bph a/s mist. CO from 5770' – 5920' (CIBP) run 6 bbl sweep. Hang swivel back, PU bit to 5630'. Drain pumps & lines, turn over to flowback, flow natural & evaporate pit.

11-19-2004 TIH & tag 20' of fill @ 5900'. RU swivel, unload & break circ w/8 bph a/s mist. CO from 5900' to 5920' (CIBP), sweep well. DO CIBP @ 5920' & start moving. Hang swivel back. Continue in w/bit, push bottom 1/2 of CIBP to 8040' & stack out. RU power swivel, break circ w/14 bph a/s mist. Drill on & push bottom 1/2 of CIBP to PBTD @ 8085', run 6 bbl sweep. RD power swivel. LD 100 jts 2 3/8" tbg. Drain pumps & lines, turn over to flowback, flow natural & evaporate pit.

11-20-2004 LD remaining 154 jts 2 3/8" work string, break out tools. ND stripper head, NU offset spool, NU stripper head, CO pipe rams, RU to run 2 1/16" tbg. PU & TIH w/ 1/2" mule shoe & 200 jts 2 1/16", 3.25#, IJ tbg to 6720', wait out rain storm. Drain up, turn over to flowback, flow natural & evaporate pit.

11-21-2004 Flow natural & evaporate pit.

11-22-2004 PU & continue w/ 1/2" mule shoe & 253 jts 2 1/16" tbg, tag 4' of fill @ 8081'. RU swivel, break circ w/6 bph a/s mist. CO from 8081' to 8085', run 6 bbl sweep. Blow well w/air only. Flow natural on 6" blooie line. Hang swivel back, LD 1 jt 2 1/16" tbg. Tally out w/126 stds. Drain pumps & lines, SI & secure well for night.

11-23-2004 ND offset stripper head, NU lube head, RU Black Warrior WL. WL set 5 1/2" model-D pkr @ 6000', RD BWWC. ND lube head, NU offset stripper head. SICP = 600 psi, blow well down. TIH w/longstring. Tag, space out & land LS in pkr w/9000 lbs compression @ 8055' kb as follows: 1/2" mule shoe, 1 jt 2 1/16" tbg, S/N, 63 jts 2 1/16" tbg, seal ball assembly, 185 jts 2 1/16" tbg, 10', 8', 6' & 4' pup jts, 1 jt 2 1/16" tbg (250 jts total). C/O offset rams & spool. Tally, PU & TIH w/101 jts 2 1/16" tbg (short string). Drain up, SI & secure well for night.

11-24-2004 Csg press = 650 psi, BD well on 2" line. RIH w/ 182 jts 2-1/16", 3.25#, IJ tbg land @ 5864' as follows: 2.063", 3.25# IJ perf sub @ 5864', 1 jt tbg, 1.5" SN @ 5826', 181 jts tbg. ND BOP, NU tree, test to 3000 psi, PO plugs, turn well to production department, release rig.