

In Lieu of
Form 3160
(June 1990)

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.
2004 SF-0787730 60 10 23

6. If Indian, Allottee or Tribe Name
RECEIVED

7. If Unit or CA, Agreement Designation
C/O FARMINGTON TM

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)
940' FNL & 2255' FEL, NW/4 NE/4 SEC 33-31N-05W

8. Well Name and No.
ROSA UNIT #147B

9. API Well No.
30-039-26960

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

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.)*

08-05-2004 MIRU, blow well down, NDWH Tally, PU & TIH w/2 7/8" bit, BS & 50 jts (1542') of 1 1/2" DP.

08-06-2004 CO to run 2 3/8" tbg. Tally, PU & TIH w/167 jts 2 3/8" tbg, tag tol @ 6710'. Work bit thru TOL @ 6710'. Tally, PU & continue in w/bit, tag cmt @ 8181'. RU power swivel, break circ w/2% kcl. DO soft cmt f/8181'- 8232' & stop making hole, circ hole clean, returns hvy gas cut. Hang swivel back. Attempt to pres test csg to 1500 psi & bled right off. TOOH w/214 jts 2 3/8" tbg, C/O to run 1 1/2" DP, TOOH 50 jts 1 1/2" - SI & SDFN.

08-07-2004 RU Halliburton wireline, run TMDL, GR, CCL & CBL, RD Halco, SDFN.

08-09-2004 MU tools, TIH w/5 1/2" pkr, tag TOL @ 6710'. PU pkr to 6487' & set, RU BJ. Pres test 5 1/2" csg to 2000 psi & held, attempt to establish inj rate into liner top, take pres to 3000 psi & held solid, release pkr, pres test well/BOPs to 3700 psi & held solid, (must of packed off hanger) RDBJ. TOOH w/pkr, load out same, SDFN.

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date September 29, 2004

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

SEP 29 2004

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.

NM000

08-10-2004 ND stripper head, RU Black Warrior WL. Dump ball 5 gals 28% acid across DK interval @ 8186'- 8198', perf lower DK 3 spf w/2 1/2" RTG, .36" dia, 20" pen & 11 grm chgs @ 8165', 69', 75', 86', 90', 94' & 98', perf upper DK 3 spf w/2 1/8" strip guns, .29" dia, 23.5" pen & 14 grm chgs @ 8059', 65', 73', 8108', 11', 20', & 24', make 3 runs, all shots fired (42 total). ND lube head, NU stripper head. PU 5 1/2" pkr & TIH, set pkr @ 6672'. RU BJ, breakdown DK perfs @ 1952 psi & 2.6 bpm, est inj rate of 5.6 bpm @ 4190 psi, acdz w/1000 gals 15% hcl acid & 70 Bio-balls, good ball action, ISIP = 1700 psi, bleed off, RDBJ. TOOH w/pkr, load out same, SDFN.

08-11-2004 ND stripper head & swing, NU tree saver (Stinger). RUBJ. Frac DK w/69,000 lbs 20/40 Econoprop sand @ 1/2, 1, 2, 3 & 4 ppg sand carried in a 60Q XL foam, MTP = 5450 psi, ATP = 5000 psi, MIR = 36 bpm, AIR = 36 bpm, ISIP = 3900 psi, 5 min 3474 psi, 10 min 3403 psi, 15 min 3370 psi, total FW = 610 bbls, total N2 = 1,088,000 scf. RDBJ & Stinger, HU flowback manifold, turn over to flowback hand, flow well on 1/8" choke, starting pres @ 3150 psi. Flow well back on 1/8" choke, starting pres @ 3150 psi, ending pres @ 1250 psi, ret's broken gel & N2.

08-12-2004 Flow well back on 1/8" choke, starting pres @ 1250 psi, ending pres @ 900 psi, ret's broken gel & light sand, flow well back on 1/4" choke, starting pres @ 900 psi, ending pres @ 700 psi, ret's broken gel & light sand.

08-13-2004 Flow well back on 1/4" choke, starting pres @ 700 psi, ending pres @ 600 psi, ret's broken gel & light sand. Flow well back on 1/2" choke, starting pres @ 300 psi, ending pres @ 200 psi, returns light mist and light sand. Remove choke and flow well thru 2" line. Starting pressure 50 psi, ending pressure 25 psi, with light mist and light sand.

08-14-2004 Well flowing out 2" line. Open blowie line and let well blow down. RIH with 2 7/8" bit with 50 jts of 1 1/2" DP, and 2 3/8" tbg. Tagged sand fill @ 8179'. Started air unit and unloaded hole. Circulate and cleaned sand fill to PBTD @ 8228'. Pumped soap sweeps to allow well to clean up. POOH with all 2 3/8" tbg, 1 1/2" DP and 2 7/8" bit. SD.

08-16-2004 SICP = 2100 psi, ND stripper head, NU lube head, RU Black Warrior WL. WL set 5 1/2" RBP @ 6110'. Blow well down, dump 5 gals of sand down csg, flush csg w/20 bbls 2% kcl, NU stripper head. TIH open ended to 6100'. RUBJ, load hole w/170 bbls 2% kcl, pres test csg/RBP/BOP's to 3600 psi & held. Spot 500 gals 15% hcl acid across Pt. Lo interval, RDBJ. TOOH w/tbg. RU BWWC, perforate PLO, bottoms up in acid 1 spf w/3 1/8" sfg, .33" dia, 17" pen & 10 grm chgs @ 5839', 41', 50', 53', 56', 60', 64', 68', 72', 76', 79', 82', 89', 93', 97', 5900', 07', 11', 19', 22', 25', 28', 32', 37', 41', 44', 51', 54', 64', 73', 76', 89', 6001', 08', 19', 32', 35', 42', 51', 63', 68', 83' & 94'. All shots fired (43 total). RD BWWC, RD rig floor, ND stripper head & swing, SDFN.

08-17-2004 SICP = 100 psi, blow well down, NU frac Y, RUBJ. Pres test lines to 7000 psi. Break down PLO @ 1050 psi, est inj rate of 40 bpm @ 1640 psi. Acdz PLO w/1000 gals 15% hcl acid & 62 Bio-balls @ 31 bpm, good action w/close ball off @ 3050 psi. RIH w/junk basket, knock off & recover 18 balls. Frac PLO w/9800 lbs 14/30 Lite Prop ahead @ .10, .20 & .30 ppg sand, followed w/40,000 lbs 20/40 Brady @ 1/2, 1, 1.5 & 2 ppg sand carried in slickwater, MIR = 98 bpm, AIR = 92 bpm, MTP = 3587 psi, ATP = 3300 psi, ISIP = 140 psi, 5 min = vac, total fw = 2674 bbls, total FRW = 115 gal. WL set 5 1/2" RBP @ 5820', pres test csg/RBP to 3650 psi & held. Perforate CH/Men bitm up under 2000 psi 1 spf w/3 1/8" SFG, .33" dia, 17" pen & 10 grm chgs @ 5379', 83', 92', 97', 5408', 26', 5516', 25', 32', 46', 59', 75', 92', 98', 5602', 11', 14', 21', 23', 36', 64', 67', 70', 73', 75', 77', 85', 87', 89', 92', 94', 5711', 13', 52', 61', 64', 67', 70', 94' & 97', all shots fired (40 holes total). Break down CH/Men @ 1485 psi, est inj rate of 34 bpm @ 1510 psi. Acdz CH/Men w/1000 gals 15% hcl acid & 60 Bio-balls, good breaks & ball action. RIH w/junk basket, knock balls off perfs. Frac CH/Men w/9800 lbs 14/30 Lite Prop ahead @ .10, .20 & .30 ppg sand, followed w/40,000 lbs 20/40 Brady @ 1/2, 1, 1.5 & 2 ppg sand carried in slickwater, MIR = 96 bpm, AIR = 87 bpm, MTP = 3600 psi, ATP = 3200 psi, total fw = 2338 bbls, total FRW = 100 gals. RDBJ, NU swing & stripper head, RU rig floor. Stage in w/ret tool to 5000', unload well w/air only, turn over to flowback & air hand, blow well until it flows on own.

08-18-2004 Continue in w/ret tool, tag 114' of fill @ 5706'. RU swivel, break circ w/6 bph a/s mist. CO from 5706'- 5800', ret's hvy sand & med wtr, run four 6 bbl sweeps. Blow well w/ air only, bucket test = 10 bph w/2 cups of sand. Flow well natural. PU bit above perfs to 5300', turn over to flowback, flow natural & evaporate pit.

08-19-2004 Attempt to trip in w/ret tool, had to kill tbg, fit stuck open. TOOH w/ret tool, string float washed out. Flow natural, wait on fit from town. TIH w/ret tool & new string fit, tag 30' of fill @ 5790' (made 10 of fill overnight). RU swivel, break circ w/8 bph a/s mist. CO to RBP @ 5820', run two 6 bbl sweeps. Latch onto RBP & let well equalize. TOOH w/RBP, LD same. TIH w/ret tool to 5306'. Put yellow dog online, turn over to flowback, flow natural & evaporate pit.

08-20-2004 Continue in w/ret tool, tag 35' of fill @ 6075'. RU swivel, break circ w/8 bph a/s mist. CO 1/6075'- 6110' (rbp) run four 6 bbl sweeps. Blow well w/air only. Flow natural, mechanic out to run rack on rig engine. Run three 6 bbl sweeps, ret's lt sand. Latch onto RBP & let equalize. LD 2 jts, pull 4 stds & hang up, work free & hang up numerous times, hang up @ 5615'. J-off RBP, PU ret tool to 5245', turn over to flowback, flow natural & evaporate pit.

08-21-2004 TIH w/ret tool, tag 3' of fill. RU swivel, break circ w/air only, run two 6 bbl sweeps. Latch onto RBP @ 5615', pump 20 bbls thru RBP & free up, TOOH w/6 stands & hang up, repeat same process numerous times, blank off blooie line, pump 40 bbls produced wtr down tbg until fluid came to surface, pump 40 bbls down back side, continue out w/RBP, LD same. C/O to run 1.5" DP, well started unloading on own, put well on blooie line, turn over to flowback, flow natural & evaporate pit. Flow natural & evaporate pit, well stronger than normal, SI @ 2130 hrs, due to washed out blooie line swing.

08-23-2004 ND stripper head, ND mud cross & swing. Welder out to repair blooie line, SICP = 1150 psi, blow well down on 1/2" choke. NU mud cross, swing & blooie line; prime Yellow dog & put online, turn over to flowback, flow natural & evaporate pit.

08-24-2004 Flow natural, service equip, turn over to flowback, flow nat & evaporate pit.

08-25-2004 CO to run 1.5" DP. TIH w/2 7/8" bit & 1600' of 1.5" DP, C/O to run 2 3/8" tbg, continue in w/bit to 8167' & stack out. RU power swivel, break circ w/12 bph a/s mist, CO f/8167'- 8191' (new pbtd) & stop making hole, run four 6 bbl sweeps. RD power swivel, POOH laying down w/both 2 3/8" workstring & 1.5" DP. SI & secure well for night.

08-26-2004 Strap down & move out WS & DP, spot in prod tbg. RU Black Warrior, WL set 5 1/2" production pkr @ 6200', RD BWWC. C/O rams, slips & dies, blow well down. Tally in w/248 jts 2 1/16" prod tbg w/seal bore assembly, tag PKR @ 6200', space out LS pipe rams w/6" stick up. Wait on fishing tools f/town. MU tools, PU 1 jt 2 3/8" tbg, latch onto & engage fish, POOH w/fish, LD tools & lading jt. PU landing jt, MU mandrel & donut, make several attempts to land in hanger w/no luck, SI secure well for night.

08-27-2004 SICP = 850 psi, blow well down, C/O slip & elevator dies. TOOH w/long string, LD SBA. Couldn't find float valve for 2 1/16" tbg, SI & secure well for weekend, service equipment.

08-30-2004 SICP = 1020 psi, blow well down. C/O rams & ram blocks. TIH w/1/2 mule shoe & float, tag 5' of fill @ 8186'. RU swivel, break circ w/ 6 bph a/s mist. CO to pbtd @ 8191' run 6 bbl sweep, TOOH w/tbg, TIH w/long string. Tag pkr, space out & land long string in hanger @ 8072' kb as follows: 1/2 mule shoe, 1 jt 2 1/16" J-55 IJ 10rd tbg, S/N, 57 jts 2 1/16" tbg, seal bore assembly, 192 jts 2 1/16" tbg & 12', 8' & 4' pup jts (250 jts total). PU tools, SI & secure well for night.

08-31-2004 SICP = 800 psi, C/O to offset rams, NU offset spool & stripper head. Blow well down, Tally, PU & TIH w/188 jts 2 1/16" tbg (shortstring). Flow well natural. Land tbg in hanger @ 6068' kb as follows: 6' perf sub, 1 jt 2 1/16" J-55 IJ 10rd tbg, S/N, 187 jts 2 1/16" tbg, (188 jts total), S/N @ 6030' kb. RD rig floor, ND stripper head, swing & BOPs. NUWH, pres test seals to 3000 psi & held. Pump out LS plug @ 1800 psi, PO SS plug @ 750 psi. Turn well to production department, release rig.