

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.
NMSF-078770

6. If Indian, Allottee or Tribe Name

RCUD NOV 6 '07

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
OIL CONS. DIV.

DIST. 3

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

8. Well Name and No.
ROSA UNIT #186

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No
30-039-30160

3. Address and Telephone No.
PO BOX 3102 MS 25-2, 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)
1660' FNL & 930' FWL, SW/4 NW/4 SEC 27-T31N-R05W

11. County or Parish, State
RIO ARRIBA, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

X Subsequent Report

Final Abandonment

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.)*

08-30-2007 MIRU, NU BOPE, load hole w/ 40 bbls prod water, press test 5 1/2", 17#, N-80 csg & blind rams to 1600 psi, lost 30 psi 30 min, bleed off press, tally & PU 2 7/8", 6.5#, J-55, eue tbg & TIH w/ 4 3/4" bit & 58 jts, secure well, SDON.

08-31-2007 PU 2 7/8" tbg & TIH w/ 4 3/4" bit to 8322', RU PS, est rev circ & circ down till tag @ 8397', drill 22' of soft cmt to PBTD @ 8419', circ well bore clean, RD PS, TOO H w/ bit, RU BWWC, run CBL 8420' to 4170', shows good bond 8420' to 5100', free pipe 5100' to surf, POOH, RD WL, secure well, SD for weekend.

09-04-2007 TIH w/ 2 7/8", 6.5#, J-55, EUE workstring, land tbg (260 jts), ND BOPE, NU B-1 adapter w/ 2 7/8" valve, secure well, release rig @ 1400 hrs, 9/4/07. Will complete well when rig is available.

09-18-2007 MIRU, spot rig & equip, place black plastic under motors & SWION.

09-19-2007 RU over well, NDWH & NUBOP stack & RU rig floor, pull tbg hanger & PU 1 jt tbg & set notched collar @ 8400', RU BJ, psi test lines @ 4500 psi, psi test 5 1/2" csg & pipe rams to 3500 psi, held for 15 mins, no leak off, good test. Roll hole w/ 2% Kcl, spot 500 gals 15% HCL acid across Dakota, RD BJ & TOO H w/ 260 jts tbg, RD rig floor, NDBOP stack & NU frac Y, RU BWWC & perforate DK, 3 SPF w/ 22 holes, SWION. dept perfs 8302-8402

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 30, 2007

(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.

NMOCD

NOV 02 2007

FARMINGTON FIELD OFFICE
BY L. Salves

09-20-2007 RU BJ, psi test lines @ 5000 psi, BD DK @ 3082 psi, est rate @ 30 bpm # 3085 psi, SD & record ISIP = 2046 psi, BO DK @ 4330 psi w/ 1000 gals 15% HCL acid & 100 bio balls, SD & let bio balls dissolve, frac DK w/ 9900 # Lite Prop 108 @ 0.05, 0.1, 0.2 & 0.3 ppg. 1st Stage Frac (DK), started @ 16:30, ended @ 17:15, MIR = 50 bpm, AIR = 47.6 bpm, MTP = 4888 psi, ATP = 3963 psi, ISIP = 3358 psi, 5 mins = 2980 psi, 10 mins = 2783 psi, 15 mins = 2688 psi, total FW = 2250 bbls, total FRW-14 = 95 gals. ND frac Y & NUBOP stack, RU rig floor, check psi @ 19:30 = 2200 psi, open well on 1/8" choke @ 20:00 = 1720 psi; @ 0:00 = 200 psi w/ heavy water & no sand.

09-21-2007 Flow well thru 1/8" choke, MU 4 3/4" bit & BS, TIH w/ 124 jts, break circ w/ air only @ 1250 psi, unload water off well, stage in w/ 70 more jts & unload water off well @ 1050 psi, TIH w/ 68 jts tbg & tag fill @ 8425', RU PS & unload water off well @ 1000 psi, run bucket test @ 18:00 hrs = 13.3 bph w/ no sand, TOOH w/ 3 stds tbg & turn over to night crew, put well on 1/8" choke @ 18:00 hrs = 45 psi w/ no water, @ 19:00 hrs = 60 psi w/ no water, @ 21:00 hrs = 40 psi, @ 22:00 hrs = 0 psi, @ 23:00 hrs = 140 psi w/ med water & no sand, @ 0:00 hrs = 175 psi w/ med water.

09-22-2007 Flow well on 1/8" choke, psi hung between 160 psi & 175 psi, TIH w/ 3 stds tbg & RU PS, break circ w/ air only @ 950 psi, unload water off well, run bucket test @ 12:00 = 6.3 bph w/ no sand @ 14:00 = 3.2 bph w/ no sand, SD air & TOOH w/ 3 stds tbg, SU spray bar & flare well w/ approx 12' to 15' flare, NF well & evap pit.

09-23-2007 NF well & evap pit, flare would fluctuate from 6' to 15' @ 15:00 well unloaded heavy slug water for approx 45 mins @ 22:00 it unloaded approx the same amount for 45 mins, @ 23:00 the flare is steady 15' in height

09-24-2007 NF well & evap reserve pit, TIH w/ 3 stds tbg & RU PS, break circ w/ air only @ 1050 psi, unload water off well & run bucket test @ 11:00 = 1.6 bph, @ 13:00 = 1 bph, @ 14:00 = 0.3 bph water w/ no sand, SD air & TOOH w/ 3 stds, flare well w/ approx 12' to 15' flare, well making no water.

09-25-2007 NF well & evap reserve pit, approx 12' flare, TIH w/ 3 stds & PU 1 jt tbg, tag fill @ 8412', break circ w/ air only @ 800 psi & work pipe to 8419', blow well dry, TOOH w/ bit, RD rig floor & NDBOP stack, NU frac Y & prepare to WL set 5.5" CIBP, ND frac Y & NUBOP, TIH w/ bit & 260 jts tbg, set bit @ 8380', flare well & SU spray bar, NF well & evap pit.

09-26-2007 NF well w/ approx 12' flare, well making no water unload water off well @ 650 psi, light water & light mist for 3 hrs & then well dried up, SD air for 1 hr & NF well, break circ w/ air only @ 550 psi, unloaded approx 4 bbls water & light mist for 1 hr, SD air & flare well, NF well w/ approx 12' flare.

09-27-2007 NF well, TOOH w/ tbg & had no bit on tbg, proceed as normal, ND stripper head & NU pack off, RU BWWC & WL set 5.5" CIBP @ 6450', RD WL & MU 2 7/8" notched collar & TIH w/ 199 jts tbg & set collar @ 6417', psi test 5.5" CIBP @ 3500 psi, tested good, spot 12 bbls 15% HCL acid across PLO, RD BJ & TOOH w/ tbg, RU BWWC & perforate PLO bottom up from 6420' to 6098', 1 SPF w/ 3 3/8" SFG, .36" Dia, 21" pen & 12 grm chgs, 3 gun runs due to 2nd gun miss fired, 52 total shots, all shots fired, SWION.

09-28-2007 Psi test lines & BD PLO @ 1336 psi, est rate @ 31.5 bpm @ 480 psi, BO PLO w/ 1000 gals 15 % HCL acid & 70 balls @ 3370 psi w/ fair action, WL recover 69 balls w/ 47 hits, Frac PLO w/ 9920# LP 125 14/30 @ 0.1, 0.2 & 0.3 ppg, follow w/ 3280# brown sand @ 1.0 ppg. 1st Stage Frac (PLO), started @ 11:30, ended @ 12:00, MTP = 3240 psi, ATP = 3119 psi, MIR = 101 bpm, AIR = 97 bpm, total FW = 2290 bbls, total FRW-14 = 124 gals, ISIP = 452 psi, 15 mins = 302 psi. WL set 5.5" CIBP @ 6040' & psi test @ 3700 psi, Perf CH/MEN bottom up from 6002' to 5634', w/ 2000 psi until 6 bpm is attained, .36" dia, 21" pen & 12 grm chgs, 2 gun runs w/ 52 shots & all shots fired, BD CH/MEN @ 3453 psi, est rate @ 30 bpm @ 3075 psi, BO CH/MEN w/ 27 bbls 15% HCL acid & 70 balls w/ good action @ 3670 psi, WL recover 39 balls w/ 33 hits, RD WL, Frac CH/MEN w/ 9920# LP 125 14/30 @ 0.1, 0.2 & 0.3 ppg, follow w/ 3280# brown sand @ 1.0 ppg. 2nd Stage Frac (CH/MEN), started @ 17:00, ended @ 17:30, MTP = 3314 psi, ATP = 3170 psi, MIR = 99 bpm, AIR = 94.9 bpm, ISIP = 319 psi, 15 mins = 220 psi, total FW = 2266 bbls, total FRW-14 = 138 gals. RD BJ Serv, ND frac Y & NUBOP, RU rig floor, prepare to run tbg in the A.M.

09-29-2007 TIH w/ 124 jts tbg & set bit @ 3999', unload wtr off well @ 1375 psi, rets = heavy wtr & light sand, TIH w/ 64 jts tbg & tag fill @ 6000', break circ w/ air only @ 1100 psi & CO 40' of fill to 5 1/2" CIBP, unload wtr off well, SD air & TOOH w/ 10 stds tbg, flare well w/ approx 10' flare, SU spray bar, NF well & evap pit.

09-30-2007 NF well & evap reserve pit, TIH w/ 10 stds & RU PS, break circ w/ air only @ 850 psi, DO 5 1/2" CIBP @ 6040', RD PS & TIH w/ 12 jts tbg & push remaining plug to 6445', unload wtr off well & TOOH w/ 20 stds tbg, flare well w/ approx 18' flare, SU spray bar, NF well & evap pit, well would unload med wtr approx every 1.5 hrs.

10-01-2007 NF well & evap pit, TIH w/ 20 stds to 6445', RU P/S & unload wtr off well @ 1100 psi, (extra large column of wtr for 1100 psi), unload wtr w/ air only & take bucket tests, @ 10:00 = 36.3 bph w/ no sand @ 12:00 = 35.0 bph, @ 14:00 = 28.2 bph, @ 16:00 = 2.0 bph w/ no sand, SD air, TOOH w/ 10 stds tbg, flare well & SU spray bar, NF well & evap pit, well would unload med to hvy wtr every 1.5 hrs for 15 to 20 mins, this stayed constant all night

10-02-2007 NF well & evap pit, TIH w/ 10 stds tbg & set bit @ 6445', repair suction valves on booster & break circ w/ air only @ 850 psi, rets med wtr & no sand, run bucket tests @ 12:00 = 26.0 bph, @ 14:00 = 24.2 bph, @ 16:00 = 17.6 bph & @ 17:00 = 14.0 bph wtr w/ no sand, flare well w/ appr 12' flare, NF well & evap pit, well unloaded med slug of wtr @ 23:00 hrs for appr 20 mins

10-03-2007 NF well & evap pit w/ appr 12' flare, TIH w/ 10 stds tbg & set bit @ 6445', RU power swivel, break circ w/ air only @ 900 psi, run bucket tests @ 11:00 = 22.3 bph, @ 13:00 = 20.3 bph, @ 15:00 = 14.0 bph, @ 17:00 = 8.9 bph wtr w/ no sand, TOO H w/ 10 stds, flare well @ appr 12' flare, evap pit, well unloaded med wtr twice.

10-04-2007 NF well & evap reserve pit w/ approx 12' flare, TIH w/ 10 stds tbg & set bit @ 6445', break circ w/ air only @ 600 psi, CO 5' of fill & DO 5.5" CIBP @ 6450', run 2 bbl sweeps, RD PS, TIH w/ tbg & tag @ 8370', RU PS, break circ w/ 12 bph a/s mist @ 800 psi, drl on remaining 5.5" CIBP, set 2000# on bit & it would torque up & quit, PU tbg & tag w/ 2000#, repeat this procedure & DO 5' in approx 1.25 hrs, SD mist & blow well bore dry, RD PS & TOO H w/ 10 stds tbg, NF well & evap reserve pit w/ 15' flare.

10-05-2007 NF well & evap pit, TIH w/ 10 stds tbg & RU 2.5" PS, break circ w/ 12 bph a/s mist @ 600 psi, DO remaining 5.5" CIBP, DO 15' of fill, circ bottoms up, make connection & struggled to maintain circ, run 3 bbl sweeps & DO 5' to 8383', blow well dry, RD PS & TOO H w/ 21 jts tbg, NF well & evap pit w/ approx 15' flare, well made no water.

10-06-2007 NF well & evap pit w/ 15' flare, well made no water overnight, TIH w/ 10 stds tbg & tag @ 8383', RU PS, break circ w/ air only @ 900 psi, rets = thick black water, SU 10 bph a/s mist w/ poor circ, DO 29' of fill to 8412', circ well for 1 hr, rets = thick black water, run 2 sweeps, make connection & est poor circ, DO 7' of fill to 8419', PU 10' & run three 3 bbl sweeps, circ well clean, circ well over night, pull up 40' & circ well w/ 8 bph a/s mist, flare well & start up spray bar, turn over to night crew, @ 19:00 hrs start running 2 hrs on & 2 hrs off w/ air only, rets = approx 5 bbls light black water.

10-07-2007 Circ & NF well on 2 hr intervals, TOO H w/ 165 jts 2 7/8" tbg & LD on float, spot in float w/ 2 1/16" tbg, BO & LO mill & XO, ND 5000# BOP's, NU 3000# BOP's w/ 2 1/16" rams, XO tools to run 2 1/16" prod tbg in the a.m., NF well thru 2" manifold.

10-08-2007 NF well thru " manifold, NU BWWC stripper head & pack off, RU WL crew, set production pkr @ 6480, RD WL crew & NU stripper head on BOP, MU 3' 1/2" MS, 1.50" SN, tally, rabbit & TIH w/ 62 jts 2 1/16" tbg & pkr seal assembly, tally, rabbit & TIH w/ 208 jts tbg & tag top of pkr, SIWFN & land long string in the A.M.

10-09-2007 SICP = 900 psi, blow well down, TIH w/ 270 jts, 2-1/16", 3.25#, J-55 tbg, land DK @ 8408' as follows: 1/2" MS, 1.50" SN @ 8410', 62 jts tbg, 5 1/2" pkr seal assembly, 207 jts tbg, 8' & 4' pup jts & 1 jt tbg, NU off set spool, CO center bore rams to off set, MU OP perf pup jt & 1.50" SN, tally, rabbit & TIH w/ 204 jts 2-1/16", 3.25#, J-55 tbg, land MV @ 6412' as follows: orange peeled perf sub, 1.50" SN @ 6410', 204 jts tbg. RD rig floor & ND BOP stack, NUWH & test @ 2500 psi, PO plugs in DK @ 1700 psi & MV @ 1000 psi, flow back DK to check plug & reverse flow on MV to get well flowing up tbg, SIWFN

10-10-2007 RD rig & finish RD surface equip, check pressures on well, SIP on DK = 1500 psi, SICP on MV = 1000 psi, SITBGP = 620 psi, turn well to production department, release rig @ 1600 hrs, 10/10/07.