

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

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPPLICATE

2007 AUG 30 AM 10:47
RECEIVED
BLM
210 FARMINGTON NM

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 Drilling Complete

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.)*

08-01-2007 MIRU, mix spud mud, drill mouse hole (very hard drilling) & rat holes. Drilling 12 1/4" pilot hole, LD MM & 12 1/4" bit, MU 14 3/4" BHA. Spud well @ 04:00 hrs on 8/1/07. Drill ahead 14 3/4" from 0' to 84'.

08-02-2007 Drilling 14 3/4" surface from 84' to 200'. Circ & survey @ 165'. Drlg ahead 14 3/4" surface from 200' to 325', TD 14 3/4" surface @ 325'. Circ hole clean, rack Kelly, POOH w/ BHA break bit & LD shock sub. RU csg crew, RIH w/ 8 jts 10 3/4", 40.5#, K-55, ST&C csg, land @ 315', RD csg crew, install cmt head & circ csg. RU cementers, test lines 3500 psi & cmt as follows; pump 20 bbl water spacer, pump 314 sxs (79 bbls, 444 cu.ft.) of 14.5 PPG + Type III cmt + 2% Calcium chloride + 1% Pheno Seal + 60.3% FW, drop plug & displace w/ 27 bbl water @ 25 BPM. Bump Plug w/ 390 psi, test float, ok, PD @ 18:00 hrs on 8/1/07, 30 bbls cmt circulated to surface (TOC on surface csg @ surface). WOC, redress pumps w/ 5.125 liners, back out & LD landing jt, MU 1' extension nipple & 10 3/4" csg head. NU BOP's & chk manifold.

08-03-2007 Finish NU BOP & choke manifold. Test BOP, choke manifold, pipe & blind rams to 2000 psi high & 250 low, test Kelly & csg 1500 psi from 30 min, all good test. MU 9 7/8" bit & 8" MM & RIH on 6" DC's to 275', insert float. Drill insert float & cmt from 275' to 315', CO rat hole to 325', restring Geolygraph line. Drill ahead 9 7/8" intermediate hole from 325' to 337', plug flow line w/ cavings, PU into csg, clear flow line, cond mud & circ. Drill 9 7/8" intermediate hole from 337' to 392'.

Continued on Back

RCVD SEP 5 '07

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

Signed

Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date August 29, 2007

OIL CONS. DIV.
DIST. 3

(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

ACCEPTED FOR RECORD

AUG 31 2007

FARMINGTON FIELD OFFICE
BY T. Salinas

08-04-2007 Drilling 9 7/8" intermediate hole from 392' to 1200'.

08-05-2007 Drilling 9 7/8" intermediate hole from 1200' to 1586'.

08-06-2007 Drilling 9 7/8" intermediate hole from 1586' to 1620'. Circ, mix & pump weighted pill, TOO H, LD MM, TIH w/ shock sub, bit #3, PU Kelly, break circ & tag fill @ 1595', wash & ream 25' to bottom. Drilling 9 7/8" intermediate hole from 1620' to 1810'.

08-07-2007 Drilling 9 7/8" intermediate hole from 1810' to 2206'.

08-08-2007 Drilling 9 7/8" intermediate hole from 2206' to 2593'.

08-09-2007 Drilling 9 7/8" intermediate hole from 2593' to 2630'. Circulate, mix & pump weighted pill. TOO H w/ bit #3, TIH work tight hole, LD 14 jts DP, wash & ream from 2042' to 2630'. Drilling 9 7/8" intermediate hole from 2630' to 2662'.

08-10-2007 Drilling 9 7/8" intermediate hole from 2662' to 3090'.

08-11-2007 Drilling 9 7/8" intermediate hole from 3090' to 3378'.

08-12-2007 Drilling 9 7/8" intermediate hole from 3378' to 3596'. Tighten swivel packing, circ & survey. POOH 12 stands, make up circ swedge & circ. PU Kelly, break & change out swivel, TOO H to 6" DC's tight @ 2700'. TIH w/ 4 1/2" HWDP to 965', make up circ swedge, circ, PU & make up swivel #3.

08-13-2007 Set Kelly back, TIH & PU Kelly, tag fill @ 3540', wash & ream from 3540' to 3596'. Drilling 9 7/8" intermediate hole from 3596' to 3757'.

08-14-2007 Drilling 9 7/8" intermediate hole from 3757' to 4080'.

08-15-2007 Drilling 9 7/8" intermediate hole from 4080' to **4169' (Intermediate TD)**. Circ & cond hole for logs, VIS = 80, WT = 9.4, WL = 10, PH = 7 (pump weighted pill). Wiper trip to 4 1/2" HWDP, no fill. Circ & cond hole for logs, TOO H for logs (drop survey misfire). RU HLS, run HRI, DSN, SDL, caliper, EVR & GR logs from 4169' to surface.

08-16-2007 Finish logon, TIH w/ bit #4, bit sub, shock sub, 6 DC's, WO Baker fishing tools, cut 120' drlg line, PU screw in sub, circ sub, bumper sub, jar, XO, 6 DC's, XO, accel, XO, 12 DC's, 6 HWDP, TIH tag bridge @ 628', bit stopped @ 1585', PU Kelly break circ thru circulating sub, screw in sub plugged, TOO H, LD fishing BHA. TIH w/ bit #5, bit sub, 18 DC's, 3 jts HWDP tag @ 588', PU Kelly, wash & ream from 588' to 972', heavy shale returns.

08-17-2007 Wash & ream from 972' to 1828', TIH w/ 6 stds DP, tag @ 2368', wash & ream from 2368' to 2428', TIH w/ 24 stds DP, PU Kelly & wash to top of fish @ 3982', circ & cond mud on top of fish @ 3982', TOO H to PU fishing BHA.

08-18-2007 Finish TOO H, PU fishing tools, 6 1/8" OS, BS, jar, XO, 6 DC's, XO, accel, XO, 12 DC's, 6 HWDP, TIH, break circ @ 3950', wash & ream to fish @ 3982', engage fish, circ, pull fish free, LD 8 jts w/ Kelly, TOO H, LD fishing tools & load out, LD fish, TIH, PU 13 sgls, Kelly up tag @ 4168', circ, mix & pump weighted pill.

08-19-2007 Finish LD DP, break Kelly, LD BHA, recover Totco. CO pipe reams to 7 5/8" & RU csg crew. **Run 7 5/8" guide shoe, 1 jt csg, float collar, 92 jts, 26/#, LT&C, J-55, 8rd csg + 16' landing jt, RD csg crew, land mandrill & test 2000 psi. RU cementers, cmt 7 5/8" intermediate csg @ 4158' shoe depth, 7 5/8" csg cemented 8/18/07, 2 slurry cmt job, 10 bbl water spacer, lead = 797 sxs (1662 cu.ft.) Premium Lite cmt + 8% + CaCl-2 + .25#/sx Cello Flake + 218 bbls water = 296 bbls of slurry @ 12.1 ppg. Tail = 100 sxs (140 cu.ft.) Type III cmt + 1% CaCl-2 + .25#/sx Cello Flake + 16 bbls water = 25 bbls of Slurry @ 14.5 ppg.** Displace w/ 194 bbls water, bump plug @ 1830 psi, PD on 8/18/07 @ 22:48 hrs, check float, ok, 140 bbls cmt returned to surface, **TOC on intermediate csg @ surface, WOC.**

08-20-2007 WOC, XO to 3 1/2" equip & Kelly, jet & clean pits. RU tester, test BOP's, Kelly & valves to 250 low & 2000 psi high, test csg to 1500 for 30 min. PU 6 3/4" MU hammer, BHA, RIH on 3 1/2" DP from rack to 2200', inst rotate rubber, lift fluid off csg w/ air, 1000 psi, cont PU DP & RIH, tag FC @ 4111', Kelly up, lift fluid off csg w/ air, 1000 psi, DO FC & cmt from 4111' to 4139', bit plugged during connection, POOH w/ DP in progress.

08-21-2007 Finish POOH w/ plugged 6 3/4" bit, break bit. MU new 6 3/4" bit, BHA & RIH on 3 1/2" DP from derrick to 4139', Kelly up & break circ w/ air mist, drlg cmt from 4139' to 4158', CO rat hole to 4168'. Drill ahead new 6 3/4" production hole w/ air hammer from 4168' to 4267', attempt to dry up air, neg, pipe stuck w/ bit @ 4257'. Work stuck pipe up hole from 4257' to 4227', no circ & can't move up or down. Back off string, pull up 3 jts & remove string float, run in 3 jts to TOF, circ w/ air, pump 2 foam sweeps & circ clean, returns bringing contaminated drlg mud, after 2nd sweep returns dry up. Rack Kelly & POOH w/ 112 jts DP, TOF @ 3524', 12 jts DP, 10 jts 5" DC's, bit sub, hammer & bit = 733'. Function test BOP, unload fishing tools & DC's. MU fishing BHA & RIH to 3524', screw into fish & start jarring, jar fish up hole 2'.

08-22-2007 Cont jar on fish, TOF @ 3522', bottom of fish @ 4225'. RU WL, spud run to 4210' 11' fill, run free point, free point @ 4170'. Run back off @ 4093'. RD & release WL, Kelly up, circ hole clean w/ air from 4093', return = drld cmt, formation, drlg mud, POOH w/ fishing assy to fish, LD jars & bump sub, LD 2 jts 3 1/2" DP & std 5 stds DP in derrick, std 2 stds 5" DC's in derrick, LD sgl + shot jt 5" DC's, LD hammer, MU screw in sub on fishing BHA & RIH on 3 1/2" DP from derrick to 4093', TOF @ 4093' BOF @ 4225'. Screw into fish @ 4093', jar on fish up & try to knock fish down, no progress, cont jar on fish 1' progress up to 4092'.

08-23-2007 Cont jarring on fish @ 4091'. RU WL, run back @ 4091', TOF @ 4091', bottom of fish @ 4225'. POOH w/ fishing assy, LD screw in sub, MU washover shoe, 5 jts WO pipe, jars & 10 5" DC's. RIH w/ washover assy on 3 1/2" DP, tag fish @ 4091', Kelly up & break circ w/ air mist. Washover fish from 4091' to bit @ 4224', tag light fill @ 4120'. Pump 2 foam sweeps & circ clean w/ air mist, returns = black shale & drld cmt. POOH w/ wash pipe & shoe, std wash pipe in derrick, MU screw in sub on fishing BHA.

08-24-2007 RIH w/ screw in sub on fishing BHA to 4091', screw into fish & jar fish free. POOH LD fishing equip, fish & washover pipe from derrick. Load out fish equip & wash pipe. MU 6 3/4" tri-cone bit & RIH to 4158', Kelly up & break circ w/ air mist. CO from 4158' to 4267' w/ air mist & foam sweeps, tag bottom @ 4267', turn off mist & pump soap sweeps. Drilling ahead new 6 3/4" hole from 4267' to 4305' & dry up dusting, circ clean, rack Kelly & POOH w/ 6 3/4" tri-cone bit. MU air hammer & 6 3/4" bit on drlg BHA & test hammer, good test. RIH w/ 6 3/4" hammer bit to 4305', Kelly up & break circ w/ dry air.

08-25-2007 Drilling 6 3/4" hole w/ air from 4305' to 6572'.

08-26-2007 Drilling 6 3/4" hole w/ air from 6572' to 8121'. RU nitrogen unit, drill 6 3/4" hole w/ air & N2 assist from 8121' to 8434'. Circ hole clean, rack Kelly & POOH, SLM to BHA from wiper trip, no excess drag, RIH to check for fill, in progress.

08-27-2007 Cont RIH to 8385', Kelly up, break circ w/ air, ream from 8385' to 8390', tight spot clean, returns dry, circ to TD @ 8434', circ hole, rack Kelly, POOH to derrick, LD air hammer & bit, RU WL, run HRI, SDL, & DSEN logs, caliper tool stopped working, discontinue logging. MU 6 3/4" tri-cone bit & RIH on 5" DC's & DP from derrick to 8434', Kelly up break circ, CO to TD @ 8434' circ hole w/ air, returns dry.

08-28-2007 POOH & LD DP, break Kelly, LD DC's, CO pipe rams to 5.5", RU csg crew. Run 5 1/2" **LT&C, 17#, N-80 production csg to 8433' shoe depth. Guide shoe + 1 jt csg + float collar + 68 jts csg + 20' marker jt + 138 jts csg, circ out 3' fill to 8434'.** PU to 8433', RD & release csg crew. RU cementers, cmt 5 1/2" production csg @ 8433' shoe depth, single slurry cmt job = 10 bbl FW spacer, **205 sxs, 441 CuFt of Premium Lite HS FM + 3 lbs/sk CSE + 0.3% CD-32 +1% FL-52 + 4% Pheno Seal + 112.3% fresh water = 79 bbls slurry @ 12.3 ppg. Displace w/ 204.6 bbl water, did not catch plug, pump 9 bbl more than displacement & did not bump Plug,** RD cementers. ND BOP's & PU set 5 1/2" csg slips in csg head, make rough cut on csg stump, LD stump, finish ND BOP & components. RD & release rig @ 0600 hrs, 8/28/07.

NOTE: CBL will be run will completion rig moves on location to determine TOC on 5 1/2" csg.

Pressure test results needed