

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.
NMSF-078769

6. If Indian, Allottee or Tribe Name

RCUD OCT 2 '07

7. If Unit or CA, Agreement Designation

OIL CONS. DIV.

8. Well Name and No. DIST. 3
ROSA UNIT #146B

9. API Well No
30-039-29833

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

11. County or Parish, State
RIO ARRIBA, NM

SUBMIT IN TRIPLICATE

RECEIVED
SEP 26 2007
Bureau of Land Management
Farmington Field Office

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)
1980' FSL & 800' FWL, NW/4 SW/4 SEC 28-T31N-R05W

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
☒ 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.)*

07-15-2007 MIRU, mix spud mud, spud surface hole @ 1030 hrs, 7/15/07. Drill 12 1/4" rat & mouse hole, LD mud motor & 12 1/4" bit.

07-16-2007 MU 14 3/4" bit, bit sub, bell sub & shock sub. Drill 14 3/4" surface hole from 0' to 335' (TD surface hole @ 1730 hrs, 7/15/07). Circ & cond mud for 10 3/4" surface csg. Set back Kelly, TOO, LD bit, bit sub & shock sub. RU csg crew & run 10 3/4" surface csg & land @ 326' shoe depth. Guide shoe + 1 jt csg + insert float + 6 jts csg + landing joint = 326' shoe depth, 7 jts, 10 3/4", 45.5#, K-55, ST&C csg = 307'. Circ csg, RD casers & RU cementers. Cmt 10 3/4" csg @ 326', shoe depth, single slurry cmt job, 20 bbls fresh water spacer, 314 sxs (443 cu.ft.) Type III cmt + 2% CaCl-2 + 1% Pheno Seal + 22.8 bbl water = 50.64 bbl slurry @ 14.5 PPG. Displace w/ 26.6 bbl water, bump plug @ 560 psi, PD @ 22:00 hrs, check float, not holding, SI w/ 80 psi, 25 bbl cmt returns to surface. RD cementers & WOC. LD landing jt & make up 11" WH, NU BOP & related equip.

07-17-2007 Finish NU BOP & related equip, test BOP & related equip, low test to 250 psi for 5 min & high test to 2000 psi for 10 min, test 10 3/4" csg to 1500 psi for 30 min, all tested good. Cut 120' drlg line, chain off BOP, install flow nipple & 2" fittings in WH for cmt lines. TIH w/DC's out of derrick, tag top of cmt @ 267'. Drlg cmt, insert float, cmt, guide shoe from 267' to 326', CO from 326' to 335'. Drill 9 7/8" hole from 335' to 371'. TOO, install float in bit sub, TIH & PU Kelly. Drill 9 7/8" hole from 371' to 787'.

Continued on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date September 24, 2007

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any

ACCEPTED FOR RECORD

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

FARMINGTON FIELD OFFICE

07-18-2007 Drilling 9 7/8" hole from 787' to 1770'.

07-19-2007 Drilling 9 7/8" hole from 1770' to 2273'.

07-20-2007 Drilling 9 7/8" hole from 2273' to 2746'.

07-21-2007 Drilling 9 7/8" hole from 2746' to 3072', circ & cond mud for bit trip. TOOH w/ bit #2, hole tight from 2014' to 3072'.

07-22-2007 TOOH w/ bit #2, NU new bit & RIH to 3000', wash & ream to bottom @ 3072'. Drilling ahead from 3072' to 3450'.

07-23-2007 Drilling 9 7/8" hole from 3450' to 3813' (TD intermediate hole @ 2030 hrs, 7/22/07). Pump hi vis sweep, circ hole clean, slug pipe, POOH w/ bit.

07-24-2007 POOH, RU HLS, run HRI, DSN, SDK, Caliper, EVR & GR logs from 3816' (WL depth) to surface, RD WL. MU BHA & RIH w/ bit to 3813', no fill, Kelly up & break circulation, circulate bottoms up, hole clean. POOH, LD DP, DC's & BHA. RU csg crew, RIH w/ 84 jts 7-5/8", 26.4#, J-55, LT&C csg, land @ 3803', test seals to 1500 psi, RD csg crew. RU BJ Services.

07-25-2007 Test cmt lines to 3M, good test. Cmt as follows: pump 20 bbl water spacer, 883 sx (1836 cu.ft.) Premium Lite FM + 8% Bentonite + 2% Pheno Seal + 114.5% FW = 327 bbl, 12.1 PPG & 2.08 yield, followed by Tail Slurry, 100 sx (140 cu ft.) Type III cmt + 1% bwoc Pheno Seal + 60.5% FW = 25 bbl, 14.50 PPG & 1.4 Yield, drop plug & displace w/ 177.2 bbl water, bump plug w/ 850 psi, test float, ok, no cmt returns to surface, PD @ 08:13 hrs on 7/24/07. RD cementers, WO WL truck, CO pipe rams to 3 5, CO Kelly to 3.5", CO pipe baskets to 3.5". RU Basin WL run temp log (TOC 950'), RD WL, WO cmt, inst pipe racks & count 3.5" DP, 268 jts, strap DP & 4 1/2" DC's. RU Antelope BOP tester PU test plug, test jt & TIW valve, test unit broke down, WO new test unit & finish test, pipe ram, blind ram, TIW, test plug, 250 psi low & 2000 high, test csg to 1500 psi from 30 min. MU 6 3/4" bit & air hammer BHA test, good test. RIH w/ hammer BHA on 3 1/2" DP from rack.

07-26-2007 Cont PU 3.5 DP & RIH w/ 6 3/4" hammer to 3756', Kelly up unload csg w/ air, drl float collar & cmt from 3756' to 3761'. CO boosters & RU new one. Build up air drlg cmt & 7 5/8" shoe from 3761' to 3803', CO rat hole from 3803' to 3813', dry up hole w/ soap. Drill ahead 6 3/4" hole w/ air hammer from 3813' to 4841'.

07-27-2007 Drill ahead 6 3/4" hole w/ air hammer from 4841' to 7017'.

07-28-2007 Drill ahead 6 3/4" hole w/ air hammer from 7017' to 8105' (TD hole @ 1930 hrs, 7/27/07). Circ hole clean w/ air, rack Kelly & POOH LD hammer & RU HLS WL.

07-29-2007 RU Halliburton WL, run HRI, SDL, DSEN, caliper & GR logs & RD WL. MU 6 3/4" rerun bit #5, RIH w/ 6 3/4" bit to 8105', no fill, POOH from 8105' & LD 3 1/2" DP, 4 1/2" DC's & 6 3/4" bit.

07-30-2007 RU csg crew, run 8107', 5 1/2", #17, N-80 csg to 8104', RD csg crew, break circ w/ air to ensure no pack off. RU BJ cementers, test lines 3500 psi, ok. Cmt as follows, pump 10 bbl water spacer followed by 230 sxs (495 cu.ft.) Premium Lite HS FM + 3 #/sxs CSE + 0.3% CD-32 + 1% FL-52 + 4% Pheno Seal + 112.3% FW, 12.3 ppg w/ 2.15 yld cmt slurry. Drop plug & displace w/ 177 bbl water @ 3 bbl/min, bump plug w/ 1775 psi @ 14:40 hrs on 7/29/07, check float, ok, PD @ 14:40 hrs on 7/29/07. RD cementers, ND BOP & PU & set 5 1/2" csg slips in well csg head w/ 10K over pull, cut off csg, LD 5 1/2" csg stump, RD rig & equip, release rig @ 1700 hrs, 7/30/07. *Need top of cement*