

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 13 2009

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.

Bureau of Land Management
Farmington Field Office

5. Lease Designation and Serial No.
NMSF-078767

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Rosa Unit

1. Type of Well
Oil Well Gas Well ☒ Other

8. Well Name and No.
Rosa Unit 72B

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No
30-039-30336

3. Address and Telephone No
PO Box 640 Aztec, NM 87410-0640

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

4. Location of Well (Footage, Sec , T., R , M., or Survey Description)
At sur- 2260' FSL & 600' FEL SEC 6. T31N, R5W
BH- 2126' FSL & 2306' FEL SEC 6, T31N, R5W ✓

11. County or Parish, State
Rio Arriba, New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

X Subsequent Report

Recompletion

New Construction

Final Abandonment

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

X Other Completion

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)*

05-02-2009

Recap: Travel to RU #187C, light rain, st unit, road rig & equip to RU #72B, MIRU, RU pump & pit, FB tank, press test 5 1/2" 17# csg to 1500 psi, 30 min, no leak off. Change ram rubbers, not fitting right, SIW & SDFN

05-03-2009

Recap: St equip, SICP=0, NU BOP's, install 2 7/8" rams, RU floor & tongs, had to re-spot tbg floats, tally & PU 2 7/8" L-80 work string, TIH w/ 4 3/4" bit. Cont to PU tbg, 260 jts in hole, bit @ 8400', RU PS, SIW & SDFN.

05-04-2009

Recap. SU equip, SITP=0, SICP=0, tally last row of tbg, PU sgls w/ PS, est rev circ w/ rig pump, unable to rotate tbg w/ 2.5 PS, hydraulics turned up to 2500 psi, notify engineer, call for 3 5 PS, WO 3 5 PS coming f/ rig 520, RU 3.5 PS, didn't have the right CX to get us back to 2 7/8" eue, WO CX coming f/ town, PU sgls & rev circ w/ rig pump, drill cmt 8493' to FC @ 8506', DO FC @ 8506', made 3' of hole, set 2 pts on bit & swivel almost stalls out, got torque set @ 2700 ft/lbs, PU to 8492', circ hole clean, SIW & SDFN.

RCVD JUN 1 '09
OIL CONS. DIV.
DIST. 3

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

Signed

Larry Higgins

Title Drilling C.O.M.

Date 5-18-09

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD
JUN 01 2009
FARMINGTON FIELD OFFICE
BY T. Schmitt

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

NMOC

Rosa Unit #72B – Page 2

05-05-2009

Recap: SU equip, SITP=0, SICP=0, had to jump start rig pump, est rev circ w/ rig pump, **DO cmt to 8537' PBTD**, circ hole clean, call for WL, press test 5 1/2" 17# csg 1500 psi 15 min, no leak off, bleed off press, pump rest of wtr out of pit, RD PS, TOH w/ 4 3/4" bit, RU WL, run CBL, bond not looking to good, notify engineer, run CBL w/ 1000 psi f/ 8537' to 3700', cmt top @ 4400', POH, RD WL, TIH w/ 2 7/8" tbg, 71 stds, SIW & SDFN.

05-06-2009

Recap: SU equip, SICP=0, cont TIH w/ 2 7/8" tbg to 8492', RU Halliburton, press test 5 1/2" 17# csg 3570 psi, no leak off, bleed off press, circ hole w/ 187 bbls 2% kcl, spot 200 gal 15% Hcl across DK form, TOH w/ 2 7/8" tbg, RD floor, ND BOP'S, NU frac-Y, RU WL, **Perf DK bottom up in acid, 3 spf, 120 degree phasing w/ 3 3/8" OD sfg, .34 dia holes, 21" pen, 10 grm chg, 1 gun run, 30 intervals, total of 90 holes (8405' - 8517')**. Press test lines 6000 psi, load hole w/ 21.5 bbls, BD DK 2605 psi @ 10 bpm, pump 2000 gals 15% Hcl acid, pump 2524 gals x-link gel, **frac DK w/ 5023# 100 mesh BASF @ .50 ppg, follow w/ 142,436# 40/70 BASF @ .75, 1.00, 1.25, 1.50 ppg, all prop carried w/ slick wtr, MIR=50.3 bpm, AIR=46.9 bpm, MTP=4152 psi, ATP=3132 psi, ISIP=2706 psi, 5 min=2593, 10 min=2519 psi, 15 min=2465 psi, total fluid to recvr=4031 bbls**. RD Howco, open well to FB tank on 1/8" choke, 2100 psi, aver 23.4 bph wtr, press @ 24:00 = 1700 psi, recvr 117 bbls fluid, total fluid left to recvr 3914 bbls.

05-07-2009

Recap: Flow DK to tank on 1/8" choke, midnight press=1550 psi, pres @ 06:00 1400 psi. Flow DK to tank on 1/8" choke, signs of fluid gas cut, press @ 12:00 980 psi, flow DK on 1/8" choke, press @ 900 psi, notify engineer, go up to 1/4" choke per engineer, flow DK on 1/4" choke, 16:00 press=600 psi, 24:00 press=350 psi, fluid rec in 24 hrs=520 bbls, total fluid rec 637 bbls, fluid left to rec 3394 bbls, see FB rep for details.

05-08-2009

Recap: Flow well to tank on 1/4" choke 300 psi, med gas, press 290 psi, notify engineer, go up to 1/2" choke per engineer, press dropped to 200 psi then st going up, 20.00 hrs press 550 psi, notify engineer, light sand, flow well on 3/8" choke, no sand in returns, press 550 psi, fluid rec in 24 hrs=558 bbls, total fluid rec 1195 bbls, fluid left to rec 2836 bbls, see FB rec for details.

05-09-2009

Recap: Flow DK to tank on 3/8" chk, press @ 06:00 525 psi, no sand, rec 144 bbls, flow DK to tank on 3/8" chk, press @ 12:00 500 psi, light trace of sand, rec 91 bbls, flow DK to tank on 3/8" chk, press @ 18:00 220 psi, light trace of sand, rec 86 bbls, flow DK to tank on 3/8" chk, press @ 24:00 215 psi, light trace of sand, rec 33 bbls, fluid rec in 24 hrs=354 bbls, total fluid rec=1549 bbls, fluid left to rec=2482 bbls, see FB rec for detailed info.

05-10-2009

Recap: Flow DK to tank on 3/8" chk, first 6 hrs aver press 250 psi, light trace of sand, next 10 hrs aver press 210 psi, no sand, flow well on 1/2" chk, 70 psi, no sand, fluid rec in 24 hr 185 bbls, total fluid rec 1734 bbls, fluid left to rec 2297 bbls, see FB rep for detailed info.

05-11-2009

Recap: Flow DK on 1/2" choke to tank, 80 psi, no sand, 35 bbls fluid rec. Flow DK on 3/4" choke, 60#, no sand, rec 6 bbls. Open well on 2" line, ND frac-Y, NU BOP'S, blooie line spool, MU fittings, RU floor & tongs, TIH w/ 2 7/8" notched collar & 2 7/8" tbg to 4253', circ w/ air & unload wtr 600 psi, 42 bbls. Bypass air, TIH to 8207', circ w/ air & unload wtr of DK 900 psi. RU 2.5 PS & get ready to SU CO in morning, rel rig crew. Circ w/ air until FB hand arrives, turn over to FB hand for night, flow DK to tank on 3/4" chk, 40 psi, no sand, fluid rec in 24 hrs 124 bbls, total fluid rec 1734 bbls, fluid left to rec 2173 bbls, see FB report.

05-12-2009

Recap: Flow DK to tank, 1/2" choke, 40 psi, no wtr, and no sand. Open well up on 1" choke, TIH from 8207' to 8397', RU PS, mist pump won't start, WO starter for mist pump, mist pump running, est circ w/ 12 bph mist, CO to PBTD @ 8537', bypass air, LD 4 jts, RD PS, PU to 7128', RU 2" line to pitot well, circ w/ air & unload wtr. Bypass air, rel air hand, turn over to FB hand for night, flow DK on 2" line, try to pitot well, surging med wtr, will pitot in morning & flow to tank.

05-13-2009

Recap: Flow DK to tank on 1" chk, 35 psi, no sand, 15 bbls wtr. Tbg @ 7128', circ w/ 12 bph air mist, pump sweep, light sand in returns, bypass air, TIH to 8387', TOH LD 2 7/8" work string, change tong, slips dies & elevators to 2 3/8", had to WO ram studs for 2 3/8" ram blocks 1 hr, install 2 3/8" ram blocks, tally 2 3/8" prod tbg, PU & TIH, 60 jts in hole, **flow test DK w/ tbg out of hole, duration =1 hr, test method= pitot, mcf/day=400, csg press=8 oz on pitot gauge, gas type=dry, gas disposition=non flaring, chk size=2" open line**. Turn over to FB hand for night, flow DK to tank on 1" chk. M. Lepich has Gas Analysis come out & test well for H2S, showed 2 to 3 ppm well flowing on 2" line.

05-14-2009

Recap: Flow DK to tank over night on 1" chk, no sand, no wtr. SU equip, cont PU 2 3/8" prod tbg, land 2 3/8", 4.7#, J-55 & N-80 eue tbg as follows top down w/ KB corr: 52 jts N-80, 207 jts J-55, 1.78" F-nipple @ 8357', 1 jt J-55, 1/2 muleshoe exp ck @ 8391', DK perms @ 8405' - 8517', RD floor, ND BOP's, NU tree & test 3000 psi, pump off exp ck @ 1100 psi. Flow well back up tbg while RD. **FINAL REPORT ✓**

NOTE: Dakota only completed at this time. Mancos and Mesa Verde will be completed at a later date. ✓

*** TOC at 4400' 7 5/8" shoe at 4180' TMO 220' open interval all in Lewis Formation**