

RECEIVED

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
Bureau of Land Management
Farmington Field Office

MAY 18 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

5 Lease Designation and Serial No
NMSF-078769

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE

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 #168C

2 Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No
30-039-30003

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)
1275' FNL & 280' FEL Sec. 28, T31, R5 NMPM

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

☒ 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)*

RCVD MAY 21 '09

OIL CONS. DIV.

DIST. 3

04-28-2009

Recap: MIRU on the RU #168C, NDWH & NUBOP stack, RU pump, pit & all hardline, SD, PU tools & SIWFN.

04-29-2009

Recap: SU rig & equip, swap out handling tools & pipe rams to 2 7/8". Load hole w/ 3 bbls produced wtr, psi test csg & blind rams to 1550 psi for 30 min w/ 20 psi leak off (for regulatory test). MU 4 3/4" bit, BS, tally, rabbit & TIH w/ 259 jts tbg & tag cmt @ 8365'. RU 2.5" PS & break (reverse) circ w/ ng pump, DO 54' of soft to med hard cmt, tag FC @ 8419', DO FC & 30' of hard cmt to 8449'. Circ bottoms up, LD 1 jt tbg, psi test csg & pipe rams to 2000 psi, no leak off, LD 3 jts tbg on float, PU tools & SIWFN.

04-30-2009

Recap. SU rig & equip, WO Adobe to deliver a 4' x 8' x 6" concrete slab to rack tbg on (ground & rat hole around the cellar is really soft), TOO H w/ bit, ND stripper head & NU Weatherfords pack off. RU WL crew, run CBL w/ gamma ray & run PND logs, Weatherford will e-mail logs to engineers RD WL, shut & lock rams & SIWFN.

TOC ?

14 I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling COM Date 5-18-09

(This space for Federal or State office use)

Approved by

Title

Date

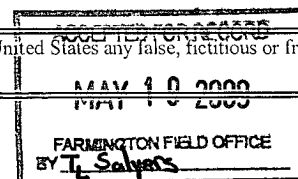
Conditions of approval, if any

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

SUBMIT NOTICE OF INTENT PRIOR TO

COMPLETING MV/MC INTERVAL - INCLUDE TOC FOR PROD CSG

NMOCD



Rosa Unit #168C – Page 2

05-01-2009

Recap: SU rig & equip, MU 1/2 M/S & TIH w/ 260 jts tbg & set 1/2 M/S @ 8425'. WO 2% KCL to be delivered, roll hole w/ 2% KCL, TOOH w/ 3 stds tbg. PU tools & SIW until Monday, 05/04/09.

05-04-2009

Recap: SU rig & equip, TIH w/ 6 jts 2 7/8" tbg, set bit @ 8430', RU Halliburton Services to tbg, psi test csg & pipe rams @ 3500 psi, tested solid, spot 200 gals 15% HCL across DK perf interval, displace w/ 47.5 bbls 2% KCL. RD Halliburton Services, TOOH w/ tbg, RD rig floor, NDBOP stack, NU frac valve & frac Y. RU BWWC, perf DK bottom up, 3 SPF @ 120 degree phazing w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, one gun run w/ 30 locations, 90 total holes & all shots fired (8337' - 8442'). RD BWWC, load hole w/ 21 bbls 2% KCL, BD DK @ 1360 psi @ 3 bpm, est rate @ 6 bpm @ 1700 psi, pump 20 bbls & SD, ISIP = 1564 psi, 5 min SI = 1087 psi, 10 min = 903 psi, 15 min = 784 psi, SIWFN.

05-05-2009

Recap: SU rig & equip, finish RU Halliburton Services to Frac Y. Psi test lines @ 6000 psi, BD DK @ 1737 psi @ 10 bpm, pump 2087 gals 15% HCL acid & 2606 gals CL gel, frac DK w/ 5100 lbs 100 mesh BASF @ .50 ppg & 117,800 lbs 40/70 BASF @ .75 ppg, 1.0 ppg & started 1.25 ppg stage & ran out of sand in the Mountain Mover, densitometer showed 90,000 lbs of sand went into well, but delivery tickets show 122,900 lbs of sand was delivered, I crawled up on the Mountain Mover & visually inspected & all sand was pumped, MIR = 54.8 bpm, AIR = 49 bpm, MTP = 4706 psi, ATP = 3633 psi, ISIP = 3861 psi, 5 min SI = 2710 psi, 10 min = 2668 psi, 15 min = 2616 psi, total fluid to recover = 3168 bbls. RD Halliburton Services, flow well to FB tank on 8/64" choke @ 1650 psi, record FB data.

05-06-2009

Recap: Flow well to FB tank on 8/64" choke, record FB data. SU rig & equip, pressure on csg = 300 psi, swap choke to 16/64" choke, psi dropped to 150 psi for about 1 hr & then worked its way up 260 psi & is starting to become slightly gas cut. Swap choke to 32/64", monitor pressure & rets, started making sand & pressure is climbing, swap back to 16/64" choke. Flow well to FB tank on 16/64" choke, pressure is staying around 500 psi, good rets on wtr, well is starting to get a lot more gas cut, record FB data, 24 hr recovery = 431 bbls, total recovered = 629 bbls, total to recover = 3168 bbls, left to recover = 2539 bbls.

05-07-2009

Recap: Flow well to FB tank on 16/64" choke & record FB data. Flow well to FB tank on 16/64" choke, well is making good wtr & is getting more gas cut, flowing @ 650 psi, swap to 32/64" choke, take readings every hour & run a bucket test to check for sand, swap to 24/64" choke @ noon due to sand increase, monitor pressure & collect FB data, turn over to FB crew. Flow well to FB tank on 24/64" choke & record FB data, 24 hr recovery = 454 bbls, total recovered = 1083 bbls, total to recover = 3168 bbls, left to recover = 2085 bbls.

05-08-2009

Recap: Flow well to FB tank on 24/64" choke, record FB data. Flow well to FB tank on 24/64" choke @ 8:00, open well to 2" line & try to pitot, well was making too much wtr to flow test, put well back on 24/64" choke. Flow well to FB tank on 32/64" choke @ 14:00 hrs, swap to 48/64" choke @ 22:00 hrs. Flow well to FB tank on 48/64" choke & record FB data, 24 hr recovery = 114 bbls, total recovered = 1197 bbls, total to recover = 3168 bbls, left to recover = 1971 bbls.

05-09-2009

Recap: Flow well on 3/4" chk to tank, 80 psi, 06:00 open well up on 2" line. SU equip, TIH w/ 4 3/4" bit to 4057' & unload wtr w/ air, bypass air, TIH to 8293', RU PS, Est circ w/ 12 bph mist, CO 23' fill to PBTD @ 8447', bypass air, PU to 7641', turn well over to FB hand for night. Flow test DK formation, DUR=1 hr, test method=pitot, tbg press=0, csg press=2 psi, 800 mcf/d, gas type=dry, gas disposition=non flaring, chk size=2", flow to tank on 1/2" choke, 150 psi, no sand, fluid rec in 24 hrs=166 bbls, total fluid rec=1363 bbls, fluid left to rec=1805 bbls.

05-10-2009

Recap: Flow DK on 1/2" choke, avg press 110 psi, no sand, flow well on 3/4" chk, 40 psi, no sand, fluid rec in 24 hr 45 bbls, total fluid rec 1408 bbls, fluid left to rec 1760 bbls, see FB rec for detailed info.

05-11-2009

Recap: Flow DK to tank on 3/4" chk, aver press 50 psi, med gas, no sand, see FB rep for detailed info.

05-12-2009

Recap: Flow DK to tank on 3/4" choke, 40 psi, no wtr & no sand. TIH f/ 7641' to 8352', RU PS, est circ w/ 12 bph mist, CO to PBTD @ 8447', bypass air, LD 4 jts, RD PS, TOH LD 2 7/8" work string, SI blind rams, turn well over to FB hand for night. Flow DK on 1" choke to tank.

05-13-2009

Recap: Flow DK to tank on 3/4" chk, no wtr, no sand. Tally & PU 2 3/8", 4.7#, J-55, eue prod tbg, TIH to 8346', RU 2.5 PS, est circ w/ 12 bph mist, CO to PBTD @ 8452'. Bypass air, RD PS, pull 5 stds, SIT & pipe rams, turn over to FB hand for night, flow DK to tank on 3/4" chk, 50 psi, light mist.

05-14-2009

Recap: Flow DK to tank over night on 3/4" chk, no wtr, no sand, TIH w/ 5 stds, pull stripping rubber, MU tbg hanger. Land 2 3/8", 4.7#, J-55, eue tbg as follows top down W/ KB corr: 256 jts, 1.78 F-nipple @ 8294', 1 jt 1/2 muleshoe exp ck @ 8328', DK perfs 8337' - 8442'. RD floor, ND BOP's, NU tree & test 300 psi. Pump off exp ck @ 800 psi, flow well back up tbg while RD, RDMO to the RU #137C. FINAL REPORT

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