

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

MAY 26 2009

Bureau of Land Management
Farmington Field Office

5. Lease Designation and Serial No
NMSF-078769

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 #187C

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No
30-039-30185

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

10. Field and Pool, or Exploratory Area
BASIN MANCOS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface - 1090' FSL & 1145 FWL / BHL - 1724' FSL & 922' FWL, Sec. 21, 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 Additional Mancos 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.)*

04-30-2009

Recap: Move AWS #442 & equip out of yard to the RU #187C, note locate anchors, MIRU, RU FB tank, pump & pit, SITP=260 psi, SICP=460 psi, bd to tank, ND WH, NU BOP's, had trouble backing out lock down pins on tbg hanger, pull tbg hanger, SIW & SDFN.

RCVD MAY 29 '09
OIL CONS. DIV.

DIST. 3

05-01-2009

Recap: SU equip, SM, SITP=190 psi, SICP=460 psi, bd to tank, change out wt indicator, TOH, LD 2 7/8", 6.5#, J-55, eue tbg, total of 244 jts, RD floor, ND BOP's, NU frac valve & frac-y, change out bad csg valve, RD & get ready to move in morning.

05-08-2009

Recap: SICP = 560 psi. RU mast truck & WL truck. RIH w/ gauge ring to 7100', POOH & RU 5.5" 10K Halliburton CBP, WL set plug @ 6920'. Blow well down to atmosphere, load hole w/ 158 bbls 2% KCL @ 2 bpm, Psi test plug & csg to 5330, tested solid. Perf Mancos (6695' - 6825') bottom up 3 SPF @ 120 degree phasing w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, 14 total locations w/ 42 holes, all shots fired, RD WL crew. Psi test lines @ 6000 psi, Install Data trap, BD Mancos (6695' - 6825') @ 1732 psi @ 2 bpm, start DFIT, 3 bpm = 1505, 4 bpm = 1485, 5 bpm = 1492, 6 bpm = 1480, pump 6 bpm for 5 min, start step down, 5 bpm = 1425, 4 bpm = 1366, 3 bpm = 1315, 2 bpm = 1254, 1 bpm = 1194, SD & record ISIP = 1167 psi, 5 min SI = 1090 psi, 10 min = 1052 psi, 15 min = 1021 psi & 30 min = 965 psi, RD Halliburton Services.

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

Signed

Larry Higgins

Title Drilling C O M

Date 5-26-09

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

FARMINGTON FIELD OFFICE

Conditions of approval, if any

NMOCD

Rosa Unit #187C – Page 2

05-13-2009

Recap: Transfer equip from the RU #166B to loc. RU Halliburton Services to Frac Y, prime up pumps & test lines. Load hole w/ 78 bbls 2% KCL, BD Mancos (6695'-6825') @ 2647 psi, pump 2119 gals 15% HCL acid, 4082 gals CL gel, frac well w/ 5020 lbs 100 mesh BASF @ .50 ppg, followed w/ 81,380 lbs 40/70 BASF @ .75 ppg & 1.0 ppg, extended .75 ppg stage until 60,000 lbs of sand was in formation due slow rise in pressure on this stage, all prop carried in slick wtr, MIR = 55 bpm, AIR = 48.4 bpm, MTP = 3728 psi, ATP = 2689 psi, ISIP = 1608 psi, 5 min SI = 1187 psi, 10 min = 1095 psi, 15 min = 1022 psi, fluid to recover = 2911 bbls, all sand was pumped, RD Halliburton Services.

05-14-2009

Recap: SU rig, help LO equip & police location. Move rig from RU #5C to location, SICP = slight vac. Spot in rig ramp & surface equip, move in FB equip, RU rig over well, RU pump, pit & all hardline, ND frac Y & frac valve, NUBOP stack, RU rig floor & prepare to RIH w/ tbg. MU 4 3/4" Hurricane mill, B/S & tally, rabbit & TIH w/ 121 jts tbg, set mill @ 4050'. Break circ w/ air @ 1400 psi, turn over to night crew. Unload wtr off well w/ air to FB tank & record FB data, for details see FB report.

05-15-2009

Recap: Tbg @ 4042', unload wtr off Mancos perms 6695' - 6825' w/ air, record FB data, see FB report for details. Bypass air, PU 2 7/8", 6.5#, J-55 eue tbg off float & TIH to 6670', circ w/ air, press to 1900 psi, booster SD, bleed press off to 500 psi, got booster started, press to 1700 psi, start unloading fluid, press dropped to 900 psi, unloading to much wtr to CO, rel rig crew, cont to blow well w/ air & record FB data, see FB report for details.

05-16-2009

Recap: Tbg @ 6670', unload wtr off Mancos perms 6695' - 6825' w/ air, record FB data, see FB report for details. SU equip, circ w/ air, making 15 bph wtr, bypass air, PU sgls & TIH, tag @ 6837', RU PS, Est circ w/ 10 bph air mist, CO to CBP @ 6920', circ hole clean, bypass air, PU to 6638', tbg @ 6670', unload wtr off Mancos perms 6695' - 6825' w/ air, record FB data, see FB report for details.

05-17-2009

Recap: Tbg @ 6670', unload wtr off Mancos perms 6695' - 6825' w/ air, SD air & NF Mancos form, record FB data, see FB report for details.

05-18-2009

Recap: Tbg @ 6670', unload wtr off Mancos perms 6695' - 6825' w/ air, record FB data, see FB report for details. SU equip, PU sgls & TIH, tag @ 6837', PU PS, Est circ w/ 10 bph air mist, CO to CBP @ 6920', circ hole clean. Bypass air, PU to 6638', turn well over to FB & air hand. Tbg @ 6670', unload wtr off Mancos perms 6695' - 6825' w/ air, record FB data, see FB report for details.

05-19-2009

Recap: Tbg @ 6670', unload wtr off Mancos perms 6695' - 6825' w/ air, record FB data, see FB report for details. SU equip, PU sgls & TIH, tag comp BP @ 6920', PU PS. DQ BP & push to bottom @ 8267', circ well clean, TOO H & LD 2-7/8" tbg on float. Turn well over to FB hand, overnight flow test thru FB unit, see FB report for details.

05-20-2009

Recap: Overnight flow test thru FB unit, see FB report for details. SU equip TOO H & LD 2-7/8" tbg on float. Sent 259 jts 2-7/8" EUE J-55 tbg to Tuboscope Change to 2-3/8" rams & tools. Rabbit, PU, MU & RIW as follows- 2-3/8" half muleshoe, 1 jt 2-3/8" tbg, 1.78 ID F-nipple & 243 jts 2-3/8" 4 7#, J-55, EUE, 8rd tbg. PU tbg hanger & land well. EQT @ 7921' 1.78" ID F-nipple @ 7888'. RD rig floor & tongs, ND BOPE, NU WH, tie air pkg to WH, pump 3 bbls wtr, pump out plug w/ air. Tie air pkg to backside kick off well up tbg RD surface equip, lower derrick, prepare for rig move to RU #164C. **FINAL REPORT**