

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-078764

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED

1 Type of Well  
Oil Well Gas Well ☒ Other

8. Well Name and No  
Rosa Unit #166B

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-039-29841

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

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

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2305' FNL & 2305' FEL Sec 30, T31N, R5W 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 MV 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.)\*

The Dakota and Mancos formations on this well were completed in 2008 and 2009. The well is presently flowing the Mancos formation. At this time Williams plans to move back on this well and complete the Mesaverde as per the attached procedure. After Mesaverde completion the formations will be commingled. Sundries for commingle authorization will be filed at a later date.

RCVD MAY 11 '10

OIL CONS. DIV.

DIST. 3

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

Signed

Larry Higgins

Title Permit Supervisor

Date 5/4/10

(This space for Federal or State office use)

Original Signed: Stephen Mason

Approved by

Title

Date

MAY 07 2010

Conditions of approval, if any:

NMOC

## Rosa 166B Proposed MV Completion Plan

- 1) Set 17 Frac Tanks and fill with filtered produced coal water.
- 2) MIRU Completion Unit.
- 3) MIRU Green Completion Unit.
- 4) TOOH w/ Prod tbg and stand in derrick.
- 5) PU Work string and TIH with bit and clean out to and drill bridge plug over Dakota with Natural Gas.
- 6) When clean, TOOH standing work string in derrick.
- 7) Set composite bridge plug apprx 150' below proposed btm Mesaverde perf and pressure test to 3000 psi.
- 8) Perforate point Lookout from 5680' – 5906'
- 9) RU stimulation company and frac the Point Lookout according to the Stimulation Company procedure.
- 10) Frac should be apprx 1,900 Bbls total fluid with 80,000# 20/40 sand. Spearhead apprx 2000 gals 15% HCl followed by a water spacer, then 20/40 at 0.50, 1.00, 1.50, 2.00 ppg.
- 11) Set a Flow-Through Composite Bridge plug at 5670'.
- 12) Perforate Cliffhouse/Menefee (2<sup>nd</sup> stage) from 5433' – 5630'
- 13) Frac second stage according to the Stimulation Company procedure.
- 14) Frac should be apprx 1,900 Bbls total fluid with 80,000# 20/40 sand. Spearhead apprx 2000 gals 15% HCl followed by a water spacer, then 20/40 at 0.50, 1.00, 1.50, 2.00 ppg.
- 15) Flow till well dies and TIH w/ mill to drill plugs.
- 16) Use Natural Gas and green completion Unit while drilling plugs and cleaning out.
- 17) After testing Mesaverde, drill plug below MV and push to btm.
- 18) TOOH and LD work string.
- 19) Run Production string in well and land near bottom Dakota perf commingling all zones.
- 20) Return well to production.