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Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land ManagementFORM APPROVED
OMB No 1004-0137
Expires March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

Williams Production Company, LLC

3a. Address

PO Box 640 Aztec, NM 87410

3b. Phone No (include area code)

505-634-4208

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2320' FNL & 2600' FWL, sec 11, T31N, R4W

5 Lease Serial No.

SF-078888

6 If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

Rosa Unit

8 Well Name and No

Rosa Unit #600

9. API Well No.

30-039-29783

10. Field and Pool or Exploratory Area

Blanco MV/Basin MC/Basin DK

11. Country or Parish, State

Rio Arriba

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Completion
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

5-13-11 – MIRU AWS #450 for completion operations**5-16-11** – DO cement to PBTD @ 9015'**5-17-10** – Perf Dakota 1st stage, 8874'-8922', with 16, 0.34" holes**5-18 thru 5-22-11** – Swab and test lower Dakota. Too wet to produce, did not stimulate**5-22-11** – Set CIBP @ 8820' and dump 30' cement on top of plug Perf Dakota 2nd stage, 8690'-8706', with 16, 0 34" holes**5-24-11** – Frac Dakota 2nd stage with 104,060# 20/40 BASF

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

Name (Printed/Typed)

Larry Higgins

Title Permit Supervisor

Signature

Date 10-11-11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

ACCEPTED FOR RECORD

NMOC

OCT 14 2011

FARMINGTON FIELD OFFICE

Rosa Unit #600 – Page 2

5-25 thru 6-6-11 – CO and test Dakota 2nd stage. Nitrogen levels too high to go to sales

6-7-11 – Set CIBP @ 8670'

6-9-11 – Perf Dakota 3rd stage, 8545'-8580', with 24, 0.34" holes

6-13-11 – Frac Dakota 3rd stage with 5100# 100 mesh sand followed with 80,200# 30/50 mesh Ottawa sand

6-14 thru 6-21-11 – CO and test Dakota 3rd stage, did not go to sales

6-22-11 – Set CIBP @ 8530' Perf Mancos 1st stage, 8460'-8495', with 24, 0.34" holes

6-26-11 – Frac Mancos 1st stage with 5020# 100 mesh white sand followed with 25,000# 30/70 mesh brown sand

6-27 thru 7-4-11 – CO and test Mancos 1st stage. Went to sales with Mancos gas 6-28-11

7-5-11 – Set CIBP @ 8400'

7-7-11 – Perf Mancos 2nd stage, 8160'-8280', with 30, 0.34" holes

7-12-11 – Frac Mancos 2nd stage with 7600# 100 mesh Brady sand followed with 140,400# 30/50 mesh Brady sand

7-13 thru 7-26-11 – CO and flow test Mancos 2nd stage

7-27-11 – Set CIBP @ 8130' Perf Mancos 3rd stage, 7865'-8045', with 42, 0.34" holes

8-1-11 – Frac Mancos 3rd stage with 7500# 100 mesh sand followed with 149,100# 30/70 mesh PSA sand

8-2 thru 8-16-11 – CO and flow test Mancos 3rd stage

8-17-11 – Set CIBP @ 7825' Perf Mancos 4th stage, 7590'-7795', with 42, 0.34" holes

8-21-11 – Frac Mancos 4th stage with 7640# 100 mesh PSA sand followed with 144,840 30/70 mesh PSA sand

8-22-11 thru 9-6-11 – CO and flow test Mancos 4th stage

9-7-11 – Set CIBP @ 7550' Perf Mancos 5th stage, 7515'-7445', with 24, 0.34" holes

9-13-11 – Frac Mancos 5th stage with 7500# 100 mesh sand followed with 100,400# 30/70 mesh Ottawa sand

9-14 thru 9-9-25-11 – CO and flow test Mancos 5th stage

9-26-11 – DO CIBP @ 7550'

9-27-11 – DO CIBP @ 7825'

9-28-11 – DO CIBP @ 8130'

9-29-11 – DO CIBP @ 8400'

9-30 thru 10-2-11 – CO and flow full Mancos formation

10-3-11 – Due to low gas production and the formation being too wet, decision was made not to drill our CIBPs above Dakota formation. A NOI sundry was filed to reflect this decision. Due to close proximity of lower Mancos perms we were unable to put cement on top of CIBP @ 8530'. Request was made by BLM to test and chart CIBP @ 8530' CO to PBTD @ 8520'

10-4-11 – RIH and attempt to set pkr @ 8510', would not test Pull up hole and attempt to set pkr @ 8505', would not test.

10-5-11 – Pursuant to a conversation between Jim Lavato and Kirk Place, the requirement to pressure test the CIBP at 8530' (between the Graneros and Greenhorn) has been waived due to the close proximity of the lowest Greenhorn perforation (8495') to the CIBP. Due to no cement on top of CIBP this will be considered a TA. Land well at 8455' KB as follows one 1/2 M/S - Exp/Chk, one joint 2.375", N/80, 4.7 lb, EUE, 8 rnd tbg, one 1.78" F Nipple, 259 jts 2.375", N/80, 4.7 lb, EUE, 8 rnd tbg, (260 total jts), F Nipple set at 8423'

NOTE: Williams does not plan to complete the Mesaverde formation at this time