

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 24 2011

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

Farmington Field Office

Lease Serial No

MSF-078777

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)

1475' FNL & 1220' FEL, sec 31, T31N, R4W

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 #601

9. API Well No

30-039-30916

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 recomplate 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 recompletion 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.)

4-13-11 – MIRU AWS #656 for completion operations

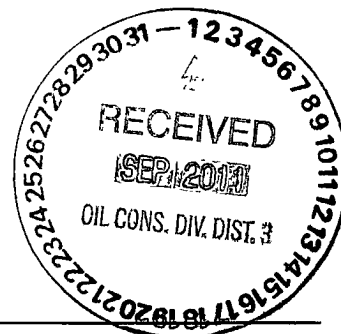
4-14-11 – DO Cement to PBTD @8779'

4-15-11 – Perf Dakota first stage, 8683'-8722' with 27, 0.34" holes Zone wet, did not frac

4-19-11 – Set CIBP @ 8660'

4-20-11 – Perf Dakota second stage, 8468'-8540' with 48, 0.34" holes

4-21-11 – RIH with 2-3/8" tubing and packer set @ 8332' and swab formation



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

Name (Printed/Typed)

Larry Higgins

Title Permit Supervisor

Signature

Date 1-18-10

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)

NMOCD

ACCEPTED FOR RECORD

AUG 26 2011

Rosa Unit #601 – page 2

4-22-11 – Set packer @ 8582' and attempt to test CIBP @ 8660, would not test Set CIBP @ 8630'

5-2-11 – Frac Dakota second stage with 4961# 100 mesh sand followed with 101,539# 40/70 mesh Ottawa sand

5-5 thru 5-11-11 – CO and flow Dakota second stage to sales

5-12-11 – Set CIBP @ 8450' Perf Dakota 3rd stage, 8395'-8430' with 24, 0.34" holes

5-16-11 – Attempt to frac Dakota 3rd stage. Could not break due to pressure limitations, pressured out @ 6950 psi

5-18-11 – Set CIBP @ 8380'. Perf Mancos 1st stage, 8280'-8320' with 27, 0.34" holes

5-23-11 – Frac Mancos 1st stage with 5200# 100 mesh sand followed with 80,200# 30/50 Uniman sand

5-26 thru 6-1-11 – CO and flow Mancos 1st stage to sales

6-2-11 – Set CIBP @ 8230' Perf Mancos 2nd stage, 7985'-8095' with 36, 0.34" holes

6-7-11 – Frac Mancos 2nd stage with 7640# 100 mesh sand followed with 61,545# 30/50 mesh Ottawa sand

6-9 thru 6-14-11 – CO and flow Mancos 2nd stage to sales

6-15-11 – Set CIBP @ 7960' Perf Mancos 3rd stage, 7705'-7855' with 42, 0.34" holes

6-20-11 – Frac Mancos 3rd stage with 7660# 100 mesh sand followed with 130,050# 30/70 mesh PSA sand

6-23 thru 7-5-11 – CO and flow Mancos 3rd stage to sales

7-6-11 – Set CIBP @ 7690'. Perf Mancos 4th stage 7470'-7630', with 39, 0.34" holes

7-11-11 – Frac Mancos 4th stage with 7500# 100 mesh Ottawa sand followed with 139,400# 40/70 mesh Ottawa sand

7-14 thru 7-27-11 – CO and flow Mancos 4th stage to sales

7-28-11 – Set CIBP @ 7150' Perf Mancos 5th stage, 6925'-7025', with 33, 0.34" holes

8-1-11 – Frac Mancos 5th stage with 7500# 100 mesh PSA sand followed with 99,900# 30/70 mesh PSA sand

8-4 thru 8-9-11 – CO and flow Mancos 5th stage to sales

8-10-11 – DO CIBP @ 7150'

8-11-11 – DO CIBP @ 7690'

8-12-11 – DO CIBP @ 7960'

8-15-11 – DO CIBP @ 8230'

8-18-11 – DO CIBP @ 8380'. Flow well to sales as MV/DK commingle (DHC-3636-AZ) ✓

8-19-11 – DO CIBP @ 8450'. CO to new PBTD @ 8610' *CIBP NO CM T*

8-23-11 – Land well @ 8524 KB as follows, one 1/2 MS-Exp chk, one jt 2.375" N-80, 4.7#, EUE 8rnd tbg, one 1.78" F-nple, 274 jts of 2.375" N-80, 4.7#, EUE 8rnd tbg (275 total jts), F-nple set @ 8493'

Note: Bridge plugs set @ 8630' and 8660' are still in hole. Lower Dakota was too wet to produce. Perfs 8683'-8722' are not producing