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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  <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF 0078771
2. Name of Operator Williams Production Company, LLC		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 640    Aztec, NM 87410	3b. Phone No. (include area code) 505-634-4208	7. If Unit of CA/Agreement, Name and/or No. Rosa Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface: 1485' FNL & 645' FEL, sec 22, T31N, R6W BHL: entry-1970' FNL & 20' FWL end of lateral-1985' FNL & 26' FEL, sec 23, T31N, R6W		8. Well Name and No. Rosa Unit #634B
		9. API Well No. 30-039-30937
		10. Field and Pool or Exploratory Area Basin Mancos
		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Completion _____
	<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.)

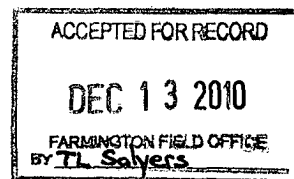
**10-15-10** - MIRU BWWC and run CBL, TOC @ 4900' MD. RU Antelope and test 4-1/2" production casing to 2900 psi for 30 min, good test

**10-16-10** - Perf Mancos 1<sup>st</sup> stage, 12,268'-12,644', with 100, 0.42" holes.

**10-17 thru 10-26-10** - Run pressure tests and rig up frac equipment

**10-27-10** - Frac Mancos 1<sup>st</sup> stage with 8,409# 100 mesh sand followed with 316,285# 40/70 mesh Ottawa sand.

**10-28-10** - Set flo-thru frac plug @ 12,215' Perf Mancos 2<sup>nd</sup> stage, 11,886'-12,180', with 80, 0.42" holes



RCVD DEC 16 '10

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Larry Higgins		Title Permit Supervisor	
Signature <i>Larry Higgins</i>		Date 12/1/10	

OIL CONS. DIV.

DIST. 3

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

**Rbsa Unit #634B – Page 2**

**10-29-10** – Frac Mancos 2<sup>nd</sup> stage with 5,964# 100 mesh sand followed with 321,330# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 11,795'. Perf Mancos 3<sup>rd</sup> stage, 11,446'-11,750', with 80, 0.42" holes.

**10-30-10** – Frac Mancos 3<sup>rd</sup> stage with 7,309# 100 mesh sand followed with 311,608# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 11,395'. Perf Mancos 4<sup>th</sup> stage, 11,066'-11,350', with 80, 0.42" holes.

**11-1-10** – Frac Mancos 4<sup>th</sup> stage with 6,308# 100 mesh sand followed with 317,117# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 11,035'. Perf Mancos 5<sup>th</sup> stage, 10,650'-10,984', with 80, 0.42" holes.

**11-2-10** – Frac Mancos 5<sup>th</sup> stage with 6,406# 100 mesh sand followed with 303,976# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 10,525'. Perf Mancos 6<sup>th</sup> stage, 10,076'-10,400', with 80, 0.42" holes.

**11-3-10** – Frac Mancos 6<sup>th</sup> stage with 6,250# 100 mesh sand followed with 306,088# 40/70 mesh Ottawa sand. Set flo-thru fra plug @ 9,990'. Perf Mancos 7<sup>th</sup> stage, 9,516'-9,930', with 80, 0.42" holes. Frac Mancos 7<sup>th</sup> stage with 6,200# 100 mesh sand followed with 317,971# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 9,485'. Perf Mancos 8<sup>th</sup> stage, 9,091'-9,426', with 80, 0.42" holes.

**11-4-10** – Frac Mancos 8<sup>th</sup> stage with 6,250# 100 mesh sand followed with 305,566# 40/70 mesh Ottawa sand. Set flow-thru frac plug @ 8,980'. Perf Mancos 9<sup>th</sup> stage, 8,656'-8,884', with 80, 0.42" holes. Frac Mancos 9<sup>th</sup> stage with 6,308# 100 mesh sand followed with 332,076# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 8,620'. Perf Mancos 10<sup>th</sup> stage, 8,346'-8,552', with 80, 0.42" holes.

**11-5-10** – Frac Mancos 10<sup>th</sup> stage with 6,260# 100 mesh sand followed with 326,846# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 8,305'. Perf Mancos 11<sup>th</sup> stage, 8,066'-8,262', with 80, 0.42" holes.

**11-6-10** – Frac Mancos 11<sup>th</sup> stage with 5,926# 100 mesh sand followed with 329,249# 40/70 mesh Ottawa sand. Set flo-thru frac plug @ 8,035'. Perf Mancos 12<sup>th</sup> stage, 7,770'-7,984', with 80, 0.42" holes. Frac Mancos 12<sup>th</sup> stage with 6,255# 100 mesh sand followed with 337,807# 40/70 mesh Ottawa sand.

**11-8-10** – MIRU Halliburton coiled tubing unit. CO flo-thru frac plugs @ 8035', 8305', 8620' and 8980'.

**11-9-10** – DO flo-thru frac plugs @ 9,485', 9,990', 10,525', 11,035', 11,395' and 11,795'. Left flo-thru frac plug @ 12,215' in hole.

**11-10-10** – First deliver well to sales via GREEN COMPLETION at ~~3.4 MCFD~~ rate.

**11-11 thru 11-18-10** – Flow and test well

3385 MCF/Day

**11-19-10** – MIRU Basic #1524 and Great White snubbing unit

**11-21-10** – Run 237 jts 2-3/8" 4.7# N-80 EUE tbg as follows: perf sub- X nipple-rupture sub ; X nipple-237 jts tbg land tbg@7566' MD (KB)

**11-22-10** – RDMO Basic #1524 and Great White snubbing unit. Turn well over to production ✓