

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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NOV 24 2010

FORM 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. SF-078771
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) Section 23C, T31N, R6W		8. Well Name and No. Rosa Unit #51
		9. API Well No. 30-039-20289
		10. Field and Pool or Exploratory Area Basin Dakota
		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 <u>run geophone</u>
	<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.)

10-5-10 – MIRU AWS #506 to prep well for geophone array

10-6 thru 10-7-10 – TOH w/production tubing and CO well

10-8-10 – RU BWWC, WL set 4 1/2" CIBP @ 7775', POH ; load 4 1/2" 11.6# csg w/ 2% kcl wtr, press tst 500 psi ; run CBL f/ 7775' to surface w/ 1000# press on csg, est cmt top @ 4606', RDMO

10-23-10 – MIRU Pinnacle and run 22 geophone array

11-7-10 – POH with geophone array, RDMO Pinnacle units

RCVD DEC 1 '10
OIL CONS. DIV.
DIST. 3

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 8-13-10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by	Title	Date NOV 29 2010
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	FARMINGTON FIELD OFFICE BY <i>[Signature]</i>

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

Rosa Unit #51 – Page 2

11-19-10 – MIRU AWS #506 to return well to production

11-21-10 – DO CIBP @ 7775', CO to PBTD @ 7930'

11-22-10 – Land production tubing at 7888' as follows: 247 jts, 2-3/8", 4.7#, J-55, eue 8rd tbg – 1.81" ID f-nipple @ 7856' – 1 jt 2-3/8", 4.7#, J-55, eue 8rd tbg – notched collar @ 7888'. RDMO

ROSA UNIT #51 BASIN DAKOTA

Location:

1115' FNL and 2140' FWL
NE/4 NW/4 Sec 23(C), T31N, R6W
Rio Arriba, New Mexico
Elevation: 6282' GR 6294' KB
API # 30-039-20289

Spud Date: 11/06/69

Completed Date: 01/08/70

1st Delivery Date: 07/15/70

CBL: 10/08/10

Top	Depth
Lewis	3877'
Cliff House	5592'
Gallup	6802'
Greenhorn	7603'
Graneros	7654'
Dakota	7823'

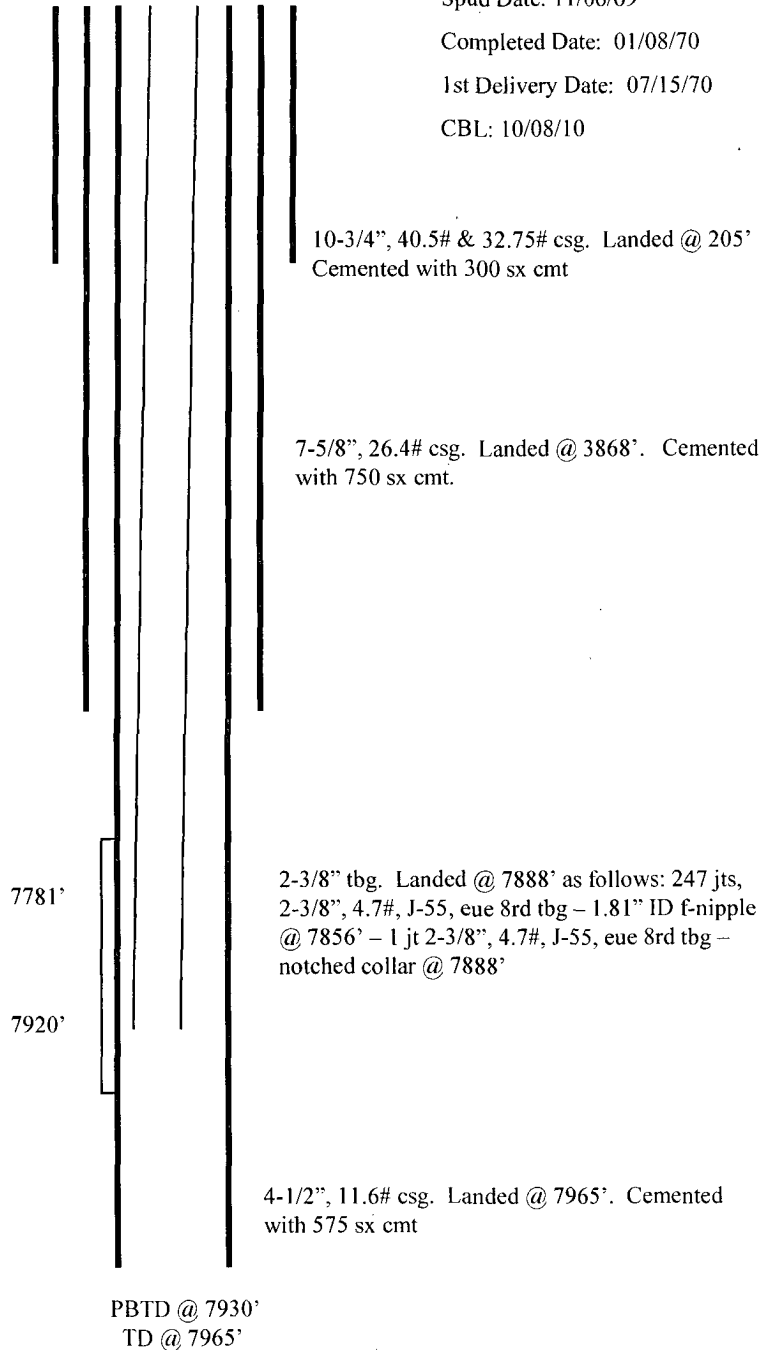
Stimulation:

Perf'd 7825'-42'; 7781'-7800';
7865'-72'; 7876'-81'; 7893'-98';
7900'-04'; 7915'-20' at 2 SPF.

7865'-7920': 500 gal HCl. Frac
w/ 30,000 gal water and 25,000#
20/40 sand & 3,000# 10/20 sand.

7825'-42': 500 gal HCl. Frac w/
16,500 gal water and 16,500#
20/40 sand.

7781'-7800': 500 gal HCl. Frac
w/ 8,000 gal water and 8,000#
20/40 sand.



Hole Size	Casing	Cement	Top of Cmt
15"	10-3/4", 40.5# & 32.75#	300 sx	Surface
9-7/8"	7-5/8", 26.4#	750 sx	Surface
6-3/4"	4 1/2", 11.6#	575 sx	4606'-CBL

LH: 11/24/10