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Form 3160-5  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 04 2017

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

Farmington Field Office  
Bureau of Land Management

**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		5. Lease Serial No. NMSF-078763
<input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator WPX Energy Production, LLC		7. If Unit of CA/Agreement, Name and/or No. NMNM78407E
3a. Address PO Box 640    Aztec, NM 87410	3b. Phone No. (include area code) 505-333-1816	8. Well Name and No. Rosa Unit #350
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1290' FNL & 170' FWL, Section 10, T31N, R 5W		9. API Well No. 30-039-29366
		10. Field and Pool or Exploratory Area Basin Fruitland Coal
		11. Country or Parish, State Rio Arriba, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 P&A
	<input type="checkbox"/> Change Plans	<input checked="" 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 recompletable 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 recompletable 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.)

USFS

Notify NMOCD 24 hrs  
prior to beginning  
operations

WPX Energy requests to plug and abandoned the above mentioned well. Attached is the wellbore and plugging procedure.

**NOTE:** A pre-onsite to discuss reclamation plans was conducted on 4/3/17 with JJ Miller (USFS). Reclamation will be conducted in accordance with what was discussed on onsite.

**ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo		Title Permitting Tech III
Signature 		Date 4/4/17
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved by AG Shadani		Title PE
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.		Date 4/7/17
		Office FFO

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

OIL CONS. DIV DIST. 3

APR 11 2017



Family-owned founded in 1963 with Aztec Well Servicing Co.



## WPX Energy

### Plug & Abandon Procedure

December 20, 2016

Well:	Rosa #350	API:	30-039-29366
Location:	SHL: 1290' FNL & 170' FEL BHL: 791' FNL & 1896' FEL	Field:	
Sec, T, R:	SHL: Sec. 11, T31N, R5W BHL: Sec 10, T31N, R5W	Elevation:	6826' GR
Cnty/State:	Rio Arriba, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.9175797, -107.3400116		

#### Objective:

Permanently plug & abandon the well from 3050' to surface containing 4 separate cement plugs.

#### Prior to Rig:

1. Notify BLM & NMOCD
2. Note: verify all cement volumes based on actual slurry to be pumped
3. See attached COA's from BLM

#### Procedure:

1. MIRU unit & P&A package, spot tubing trailer
2. ND WH & NU BOP, rig up floor and equip
3. Tally & TIH w/ 2-3/8" tubing (workstring) to 3050' & tag previously set CIBP.
4. Roll well & pressure test tubing prior to pumping cement. Close pipe rams & pressure test casing to 500psi. WOC TBD after casing test ((possible WOC's if no test = 4hrs each plug))
5. **Plug #1, 3000' - 3050' (Fruitland Coal - CIPB at 3050')**: Roll well & pressure test tubing prior to pumping cement. Mix and spot 10 sx (11.8 cf) of Class B cement (or equivalent) on top of CIBP that was previously set at 3050'.
6. WOC 4.Ohrs, Pull above cement and reverse circulate TBG clean.
7. TIH & tag TOC no lower than calculated. LD tubing to 3026'
8. **Plug #2, 2876' - 3026' (Kirtland Top: 2976')**: Mix and pump 30 sx (35.4 cf) of cement in a balanced cement plug from 3026' - 2876'.
9. WOC 4.Ohrs, Pull above cement and reverse circulate TBG clean
10. TIH & tag cement to confirm TOC. Re-spot cement if necessary
11. LD tubing to 2766'
12. **Plug #3, 2766' - 2916' (Ojo Alamo Top: 2866')**: Mix and pump 30 sx (35.4 cf) of cement in a balanced cement plug from 3026' - 2876'.
13. WOC 4.Ohrs, Pull above cement and reverse circulate TBG clean
- (Combine Plugs 1, 2 and 3)
14. TIH & tag cement to confirm TOC. Re-spot cement if necessary
15. LD tubing and rig up wireline



**WPX Energy**  
**Plug & Abandon Procedure**  
**December 20, 2016**

<b>Well:</b>	Rosa #350	<b>API:</b>	30-039-29366
<b>Location:</b>	SHL: 1290' FNL & 170' FEL BHL: 791' FNL & 1896' FEL	<b>Field:</b>	
<b>Sec,T, R:</b>	SHL: Sec. 11, T31N, R5W BHL: Sec 10, T31N, R5W	<b>Elevation:</b>	6826' GR
<b>Cnty/State:</b>	Rio Arriba, New Mexico		
<b>Lat/Long:</b>	36.9175797,-107.3400116	<b>By:</b>	Aztec Well Servicing

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16. **Plug #4, (9-5/8" Surface casing shoe, 366' to Surface):** If required by BLM, Perforate at 366' and attempt to establish circulation to surface out the Intermediate casing valve (note: circulated cement to surface on surface casing & intermediate casing strings when well was drilled). Mix approximately 70 sxs (82.6 cf) of cement and pump down the 7" casing to circulate out the Intermediate casing valve. If unable to circulate, top off as necessary.
17. ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per NMOCD and/ or BLM stipulations.

ROSA UNIT #350  
BASIN FRUITLAND COAL  
Proposed P&A

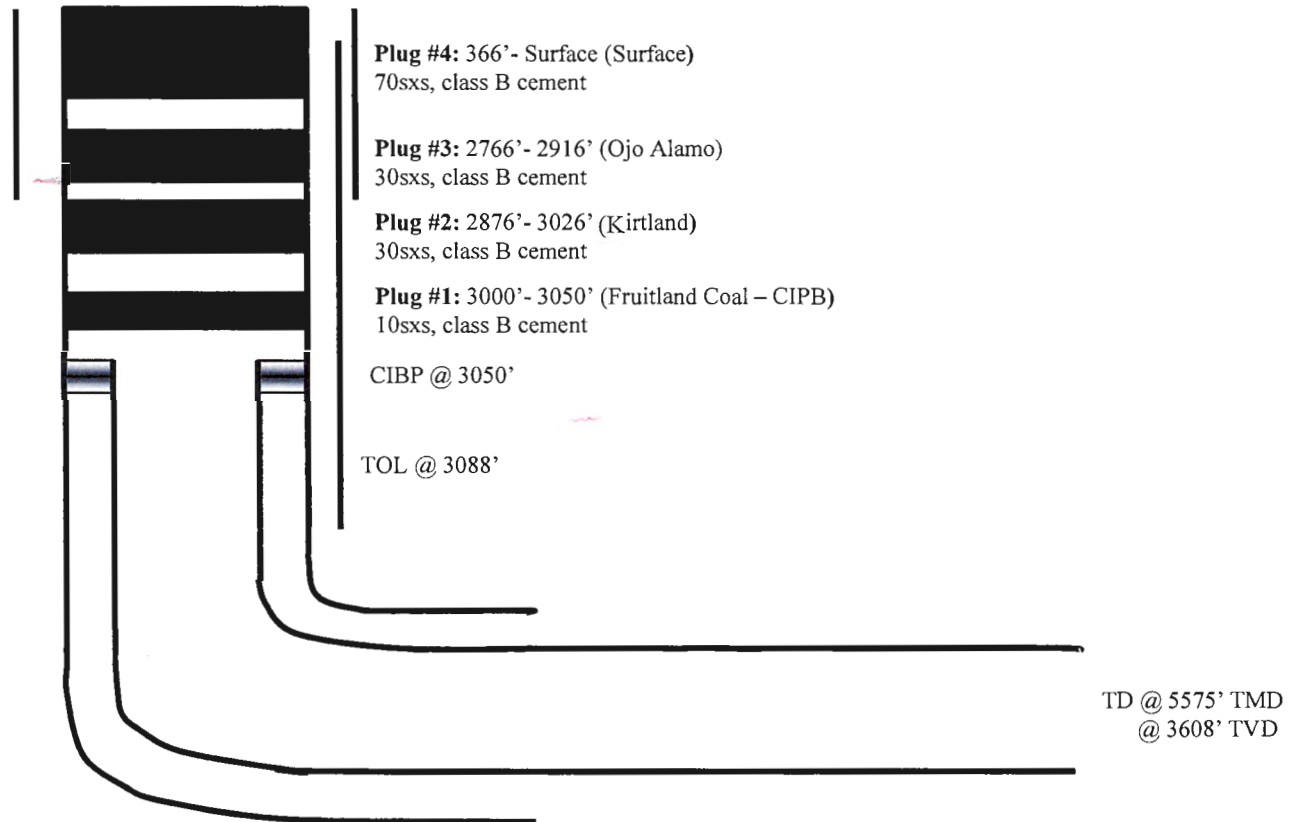
**Location:**

**SHL:** 1290' FNL and 170' FWL  
NW/4 NW/4 Sec 11(D), T31N, R05W

**BHL:** 791' FNL and 1896' FEL  
NW/4 NE/4 Sec 10(B), T31N, R05W  
Rio Arriba, New Mexico

**Elevation:** 6826' GR  
**API #** 30-039-29366

Top	MD Depth	TVD DEPTH
Ojo Alamo	2866'	2940'
Kirtland	2976'	3055'
Fruitland	3349'	3340'
Base of Coal	3747'	3615'



**ROSA UNIT #350  
BASIN FRUITLAND COAL**

**Location:**

**SHL:** 1290' FNL and 170' FWL  
NW/4 NW/4 Sec 11(D), T31N, R05W

**BHL:** 791' FNL and 1896' FEL  
NW/4 NE/4 Sec 10(B), T31N, R05W  
Rio Arriba, New Mexico

**Elevation:** 6826' GR  
**API #** 30-039-29366

Spud date: 10/27/05

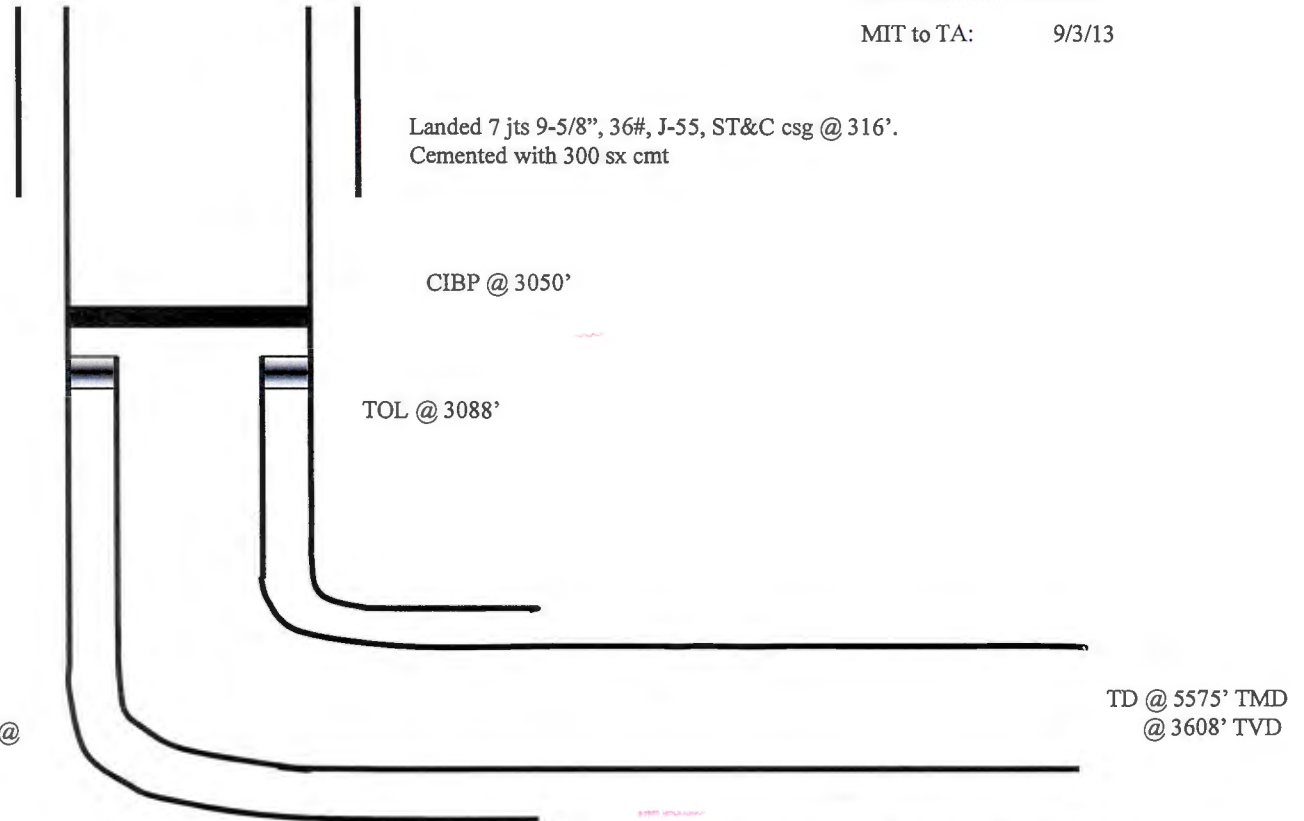
Completed: 11/18/05

1st Delivered: 12/15/05

MIT to TA: 9/3/13

Top	MD Depth	TVD DEPTH
Ojo Alamo	2866'	2940'
Kirtland	2976'	3055'
Fruitland	3349'	3340'
Base of Coal	3747'	3615'

Landed 99 jts 7", 23#, K-55, LT&C csg @  
3860'. Cemented with 741 sx cmt.



Landed 4-1/2" liner @ 5574', TOL @ 3088' as follows:  
liner hanger, 4 jts 4 1/2", 10.5#, J-55 non-perfed csg, 56 jts, 4  
1/2", 11.5#, J-55 perfed csg & shoe on bottom. Liner perfs  
are from 3260' to 5570'. Total feet perforated = 2310' @  
24 SPF. Total of 55,440 (0.50") holes. Did not cement

Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	300 sx	423 cu.ft.	surface
8-3/4"	7", 23#	741 sx	1451 cu.ft.	surface
6-1/4"	4-1/2", 11.6#	Did Not Cmt	N/A	N/A

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Rosa Unit #350

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

- a) Combined Plug #2 and #3 (3026'-2766') ft. to cover the Ojo Alamo top. BLM picks top of Kirtland at 3061'ft and Ojo Alamo at 2942.
- b) Add plug to cover Nacimiento top set plug (1560'-1660') ft. to cover Nacimiento top. BLM picks top of Nacimiento at 1610' ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.