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Form 3160-5  
(February 2005)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WPX Energy Production, LLC

3a. Address

PO Box 640 Aztec, NM 87410

3b. Phone No. (include area code)

505-333-1808

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

2060' FNL &amp; 1945' FEL

1650' FNL &amp; 990' FEL SEC 27, 31N, R5W

5. Lease Serial No.

SF-078770

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 #378

9. API Well No.

30-039-30410

10. Field and Pool or Exploratory Area  
Basin Fruitland Coal11. 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
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	P&A
	<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.)

**Notify NMOCD 24 hrs  
prior to beginning  
operations**

USFS

WPX Energy request to plug and abandon the above mentioned well per attached wellbore and plugging procedure.

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

OIL CONS. DIV DIST. 3

JUL 21 2016

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Name (Printed/Typed)

Lacey Granillo

Title Permit Tech III

Signature

Date 7/18/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PE

Date

7/20/16

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

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)

## PLUG AND ABANDONMENT PROCEDURE

June 22, 2016

### Rosa Unit #378

Basin Fruitland Coal

2060' FNL and 1945' FEL, Section 27, T31N, R5W

Rio Arriba County, NM / API 30-39-30410

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test rig anchors. Comply with all NMOCD, BLM and Williams safety rules and regulations. Prepare a lined waste fluid pit. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.
2. Rods: Yes ☐ , No ☒ , Unknown ☐ .  
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 2-7/8" , Length 3637' .  
**NOTE: 200' 1/4" stainless steel chemical cap string strapped to outside of tubing.**  
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐ .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.  
**NOTE: LD 2-7/8" tubing and PU workstring.**
3. **Plug #1 (Fruitland Coal interval, Fruitland, Kirtland and Ojo Alamo tops, 3292' – 2760'):**  
Round trip 7" gauge ring or mill to 3292' or as deep as possible. RIH and set a 7" Hydro-set CIBP at 3292'. Pressure test tubing to 1000 PSI. Mix 109 sxs Class B cement and spot a balanced plug inside casing to cover the Fruitland Coal interval through the Ojo Alamo top. PUH.
4. **Plug #2 (Nacimiento top, 1649' – 1549'):** Mix 29 sxs Class B cement and spot a plug inside the casing to cover the Nacimiento top. PUH.
5. **Plug #3 (Surface, 382' – 0'):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 72 sxs cement and spot a balanced plug from 382' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casings to surface. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. Cut off anchors and clean up location. Restore location per BLM stipulations.



Surface Location:

2060' FNL and 1945' FEL  
SW/4 NE/4 Sec 27 (G), T31N, R5W  
Rio Arriba, NM

Bottom Hole Location:

1601' FNL and 935' FEL  
SE/4 NE/4 Sec 27 (H), T31N, R5W  
Rio Arriba, NM

Elevation: 6511' GR  
API # 30-039-30410

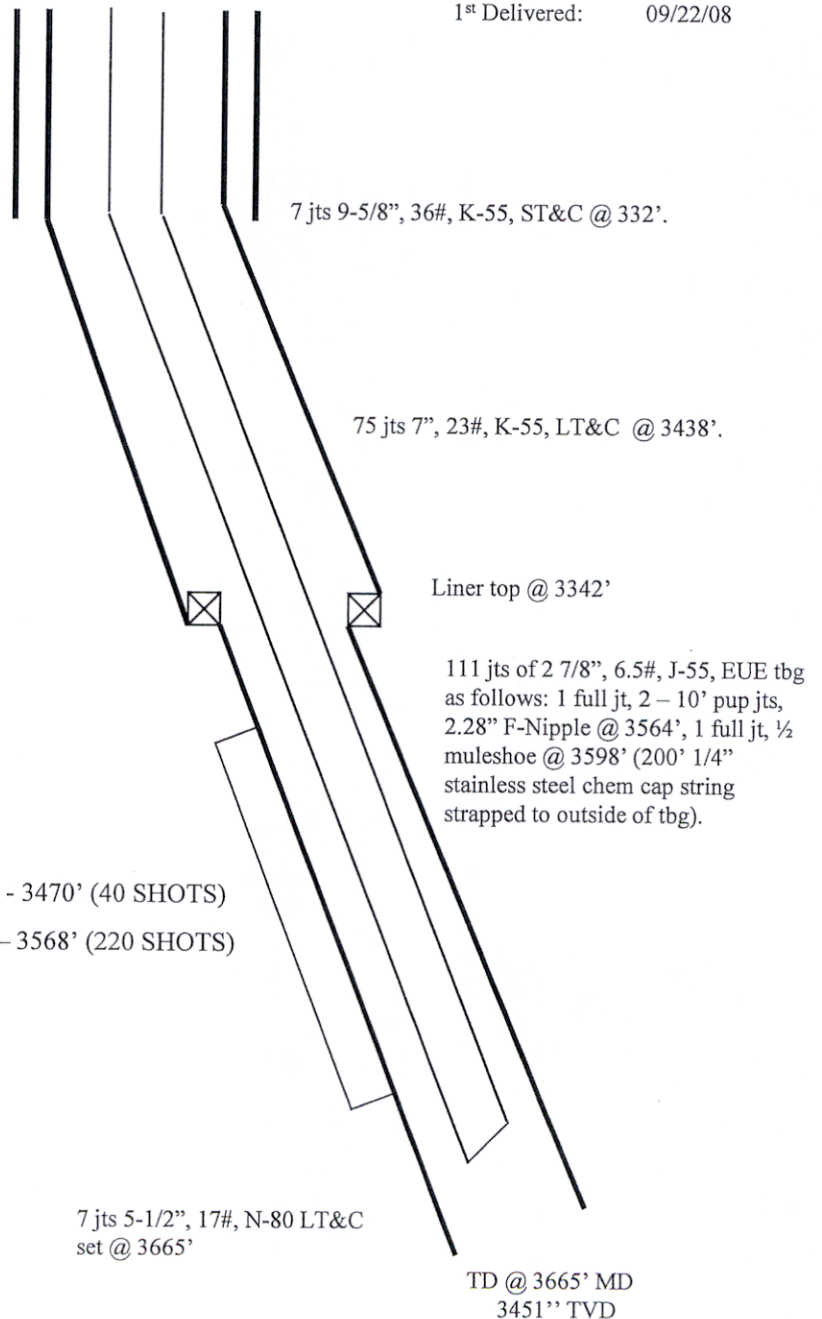
ROSA UNIT #378  
BASIN FRUITLAND COAL  
Current

Spud: 07/26/08

Completed: 09/16/08

1<sup>st</sup> Delivered: 09/22/08

Top	MD Depth	TVD Depth
Ojo Alamo	2810'	2660'
Kirtland	2930'	2770'
Fruitland	3332'	3140'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	212 cu.ft.	Surface
8-3/4"	7", 23#	490 sxs	998 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		

Surface Location:

2060' FNL and 1945' FEL  
SW/4 NE/4 Sec 27 (G), T31N, R5W  
Rio Arriba, NM

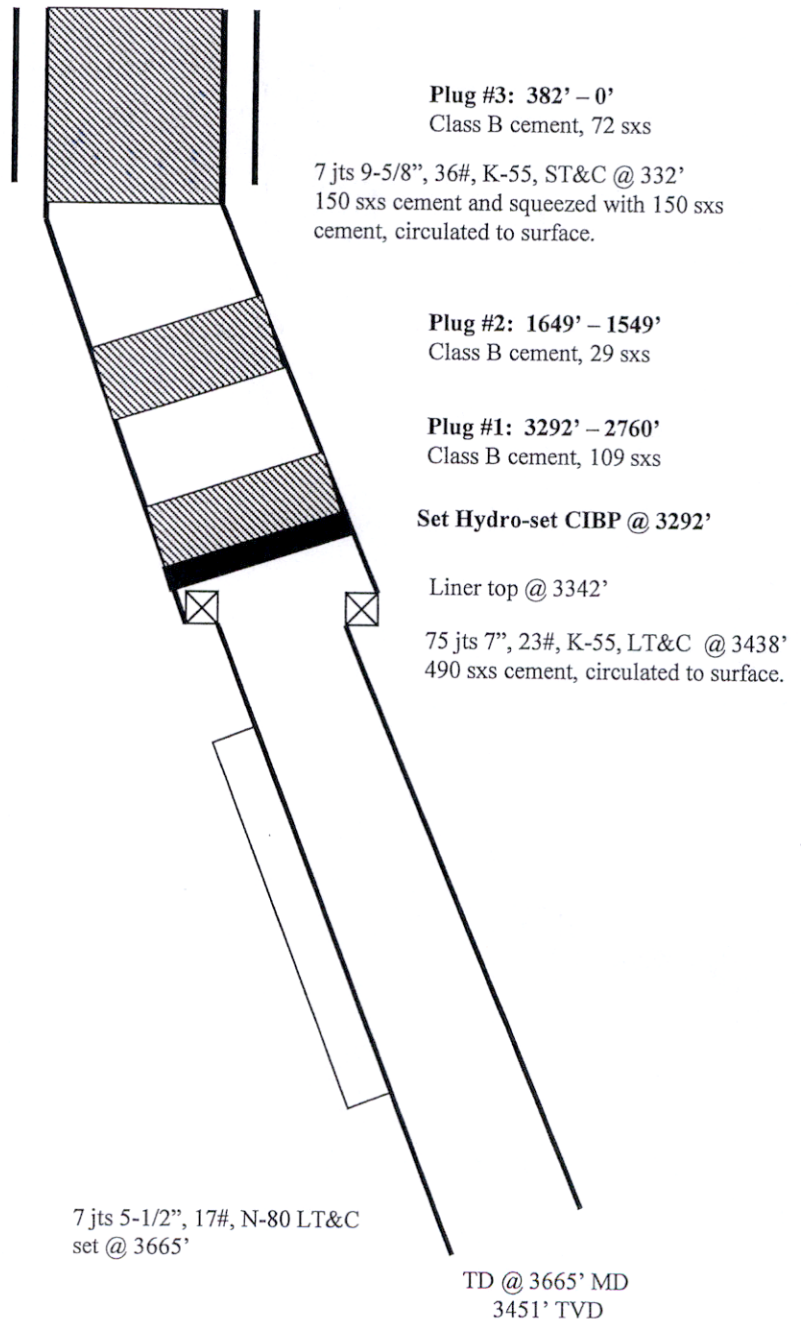
Elevation: 6511' GR  
API # 30-039-30410

ROSA UNIT #378  
BASIN FRUITLAND COAL  
Proposed P&A

Spud: 07/26/08

Completed: 09/16/08

Top	MD Depth	TVD Depth
Nacimiento	1599	
Ojo Alamo	2810'	2660'
Kirtland	2930'	2770'
Fruitland	3332'	3140'



Open hole from 6-1/4" to 9-1/2"  
from 3444' to 3665' MD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	212 cu.ft.	Surface
8-3/4"	7", 23#	490 sxs	998 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		

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 #378

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.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of Plug #2 to 1400 ft. (MD) to cover the Nacimiento top. BLM picks top of Nacimiento at 1376 ft. (TVD). Adjust cement volume accordingly.

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.