

JUN 30 2016

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

JUN 22 2016

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

505-333-1806

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

310' FNL &amp; 150' FWL SEC. 8 31N 5W

5. Lease Serial No.  
NMSF078763

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E8. Well Name and No.  
Rosa Unit #3609. API Well No.  
30-039-2988210. 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 <b>P&amp;A</b>
	<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 recompleat 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 recompleat 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.)

WPX Energy plans to Plug and Abandon the above mentioned well per attached procedure and diagrams.

**NOTE:** The reclamation onsite has been scheduled with Randy McKee for July 13, 2016. A plugging reclamation plan will be submitted **dates on site**Notify NMOCD 24 hrs  
prior to beginning  
operations**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 Permit Tech III	
Signature		Date 6/22/16	
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>			
Approved by		Title PE	Date 6/28/16
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)

**NMOCD**K.C.  
6

**ROSA UNIT #360**  
**BASIN FRUITLAND COAL**  
**Proposed P&A**

Spud: 07/13/06

Completed: 09/20/06

Surface Location:

310' FNL and 150' FWL  
 NW/4 NW/4 Sec 16(D), T31N, R05W  
 Rio Arriba, NM

Bottom Hole Location:

666' FSL and 654' FWL  
 SW/4 SW/4 Sec 09(M), T31N, R05W  
 Rio Arriba, NM

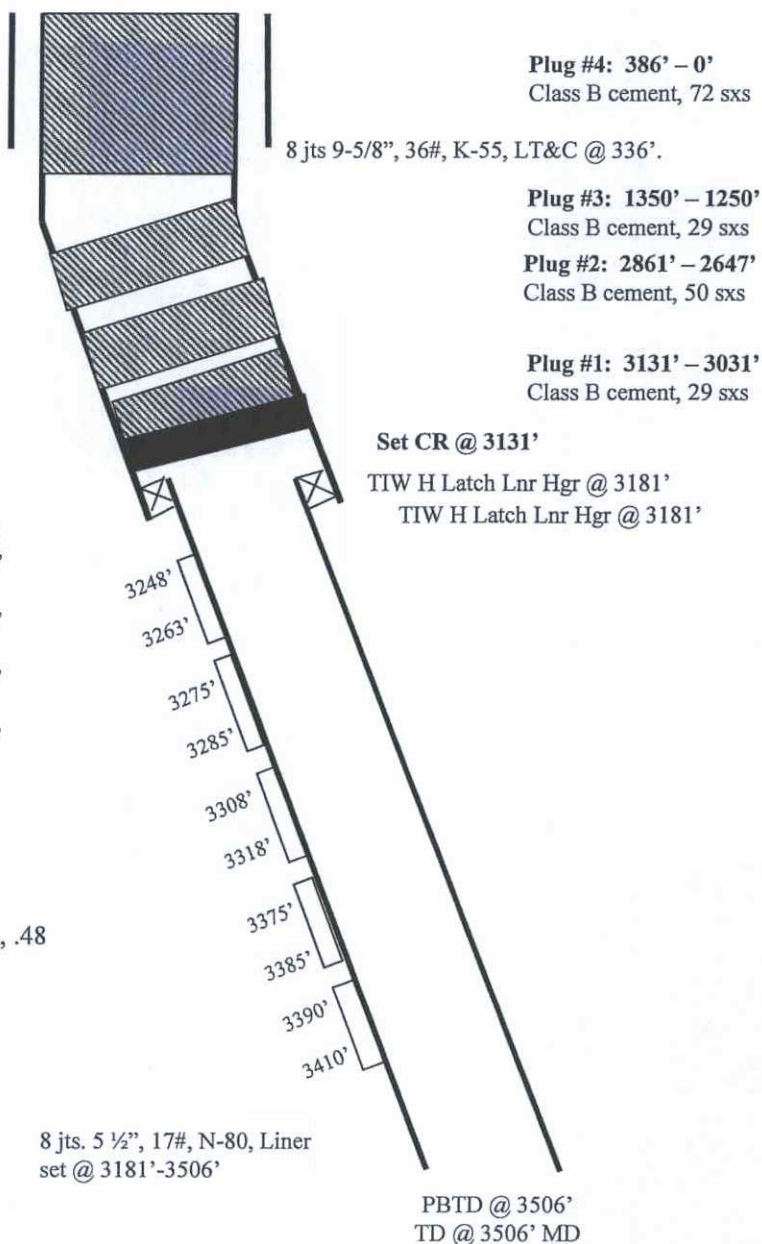
Elevation: 6271' GR

API # 30-039-29882

Top	MD	TVD
Nacimiento	1300'	2405'
Ojo Alamo	2697'	2405'
Kirtland	2811'	2515'
Fruitland	3189'	2890'

Perf intervals w/3 1/8" HSC, 11 grm chg, .48  
 dia holes, 4 spf, total of 260 holes.

Underream 6-1/4 – 9-1/2  
 From 3248' – 3506'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	160 sx	222 cu.ft.	Surface
8-3/4"	7", 23#	455 sx	921 cu.ft.	Surface
6-1/4"	5-1/2", 17#	None	None	NA



**ROSA UNIT #360**  
**BASIN FRUITLAND COAL**  
**Current**

Surface Location:

310' FNL and 150' FWL  
 NW/4 NW/4 Sec 16(D), T31N, R05W  
 Rio Arriba, NM

Bottom Hole Location:

666' FSL and 654' FWL  
 SW/4 SW/4 Sec 09(M), T31N, R05W  
 Rio Arriba, NM

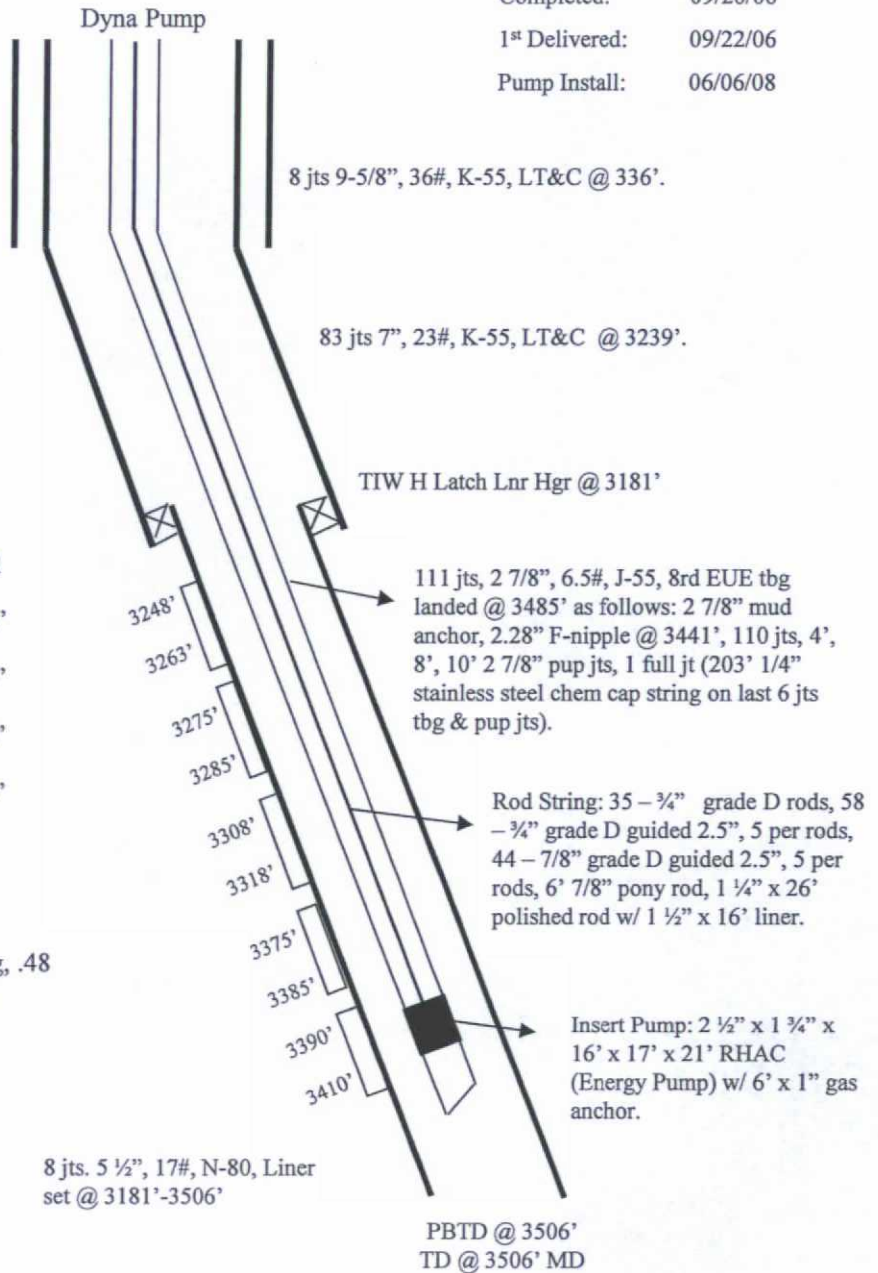
Elevation: 6271' GR  
 API # 30-039-29882

Spud: 07/13/06  
 Completed: 09/20/06  
 1<sup>st</sup> Delivered: 09/22/06  
 Pump Install: 06/06/08

Top	MD	TVD
Ojo Alamo	2697'	2405'
Kirtland	2811'	2515'
Fruitland	3189'	2890'
Base of Coal	3419'	3120'

Perf intervals w/ 3 1/8" HSC, 11 grm chg, .48 dia holes, 4 spf, total of 260 holes.

Underream 6-1/4 - 9-1/2  
 From 3248' - 3506'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	160 sx	222 cu.ft.	Surface
8-3/4"	7", 23#	455 sx	921 cu.ft.	Surface
6-1/4"	5-1/2", 17#	None	None	NA

## PLUG AND ABANDONMENT PROCEDURE

June 16, 2016

### Rosa Unit #360

Basin Fruitland Coal

310' FNL, 150' FWL, Section 16, T31N, R5W, Rio Arriba County, New Mexico

API 30-039-29882 / Long \_\_\_\_\_ / \_\_\_\_\_

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. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes   X  , No       , Unknown       .  
Tubing: Yes   X  , No       , Unknown       , Size   2-3/8"  , Length   3485'  .  
Packer: Yes       , No       , Unknown       , Type       .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Fruitland Coal perforations and Fruitland top, 3131' – 3031')**: Round trip 7" mill or casing scraper to 3031', or as deep as possible. RIH and set 7" cement retainer at 3031'.
5. **RU A-Plus wireline and run CBL from 3131' to surface. Note: this procedure may be adjusted based on CBL results.**
6. RIH with tubing and pressure test tubing to 1000#. Attempt to pressure test casing to 800#. If casing does not test then spot or tag subsequent plug as appropriate. Mix and pump 29 sxs Class B cement from 3131' to isolate the Fruitland Coal interval and cover Fruitland top.
7. **Plug #2 (Kirtland and Ojo Alamo tops, 2861' - 2647')**: Mix 50 sxs Class B cement and spot a balanced plug to cover through the Ojo Alamo top. PUH.
8. **Plug #3 (Nacimiento top, 1350' - 1250')**: Mix 29 sxs Class B cement and spot a balanced plug to cover the Nacimiento top. PUH.
9. **Plug #4 (9.625" Surface casing shoe, 386' - Surface)**: 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 386' 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.

10. 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.

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 #360

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.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

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.