

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 17 2015

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

☐ 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)

SHL: 2607' FSL & 758' FWL SEC 20 31N 4W

BHL: 717' FNL & 2192' FWL SEC 29 31N 4W

5. Lease Serial No.

SF-078894

6. Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

Rosa Unit

8. Well Name and No.

Rosa Unit #380

9. API Well No.

30-039-27491

10. Field and Pool or Exploratory Area

Basin Fruitland Coal  
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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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.)

This well is on USFS Surface

Notify NMOCD 24 hrs  
prior to beginning  
operations

WPX Energy would like to plug and abandon the Rosa Unit #380 per the attached procedure. In addition to the P&A procedure please find a schematic representing the current and proposed well bore.

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

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

OIL CONS. DIV DIST. 3

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

Name (Printed/Typed)

Lacey Granillo

Title Permit Tech III

OCT 03 2015

Signature

Date 9/17/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PE

Date 10/1/15

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

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KC



## PLUG AND ABANDONMENT PROCEDURE

September 9, 2015

### Rosa Unit #380

Fruitland Coal

2607' FSL and 758' FWL, Section 20, T31N, R4W  
Rio Arriba County, New Mexico / API 30-039-27491

Lat: N \_\_\_\_\_ / Lat: W \_\_\_\_\_

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 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.

2. Rods: Yes   X  , No       , Unknown       .  
Tubing: Yes   X  , No       , Unknown       , Size   2-7/8  , Length   3598'

**NOTE: 1/4" SS chemical line banded to outside of tubing to 3126'**

Packer: Yes       , No       , Unknown       , Type       .

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

TOH and LD 2-7/8" tubing. PU workstring.

Round trip 7" gauge ring or mill to 3370' or as deep as possible.

3. **Plug #1 (Fruitland Coal Interval and Fruitland top and liner top, 3370' – 3270'): NOTE: this is an underbalanced plug.**  
RIH and set 7" CR at 3370'. Circulate well clean. Mix 23 sxs Class B cement (excess cement due to underbalanced plug) inside casing from 3370' to isolate the Fruitland Coal interval and Fruitland top. PUH and WOC due to window cut for directional kickoff. TIH and tag 50' above CR. If necessary spot additional cement. TOH.
4. **Plug #2 (Window cut and Kirtland, Ojo Alamo interval, 3058' – 2910'):** RIH and set 7" CR at 3058'. **Attempt to pressure casing. If casing does not test, then spot or tag subsequent plugs as appropriate.** Mix and pump 38 sxs Class B cement and spot a balanced plug inside casing to isolate the window cut and isolate the Kirtland and Ojo Alamo tops. PUH.
5. **Plug #3 (Nacimiento top, 1697' – 1597'):** Mix and pump 29 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH.



6. **Plug #4 (9-5/8" casing shoe and surface, 391' - 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 75 sxs cement and spot a balanced plug from 391' 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.
7. 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.



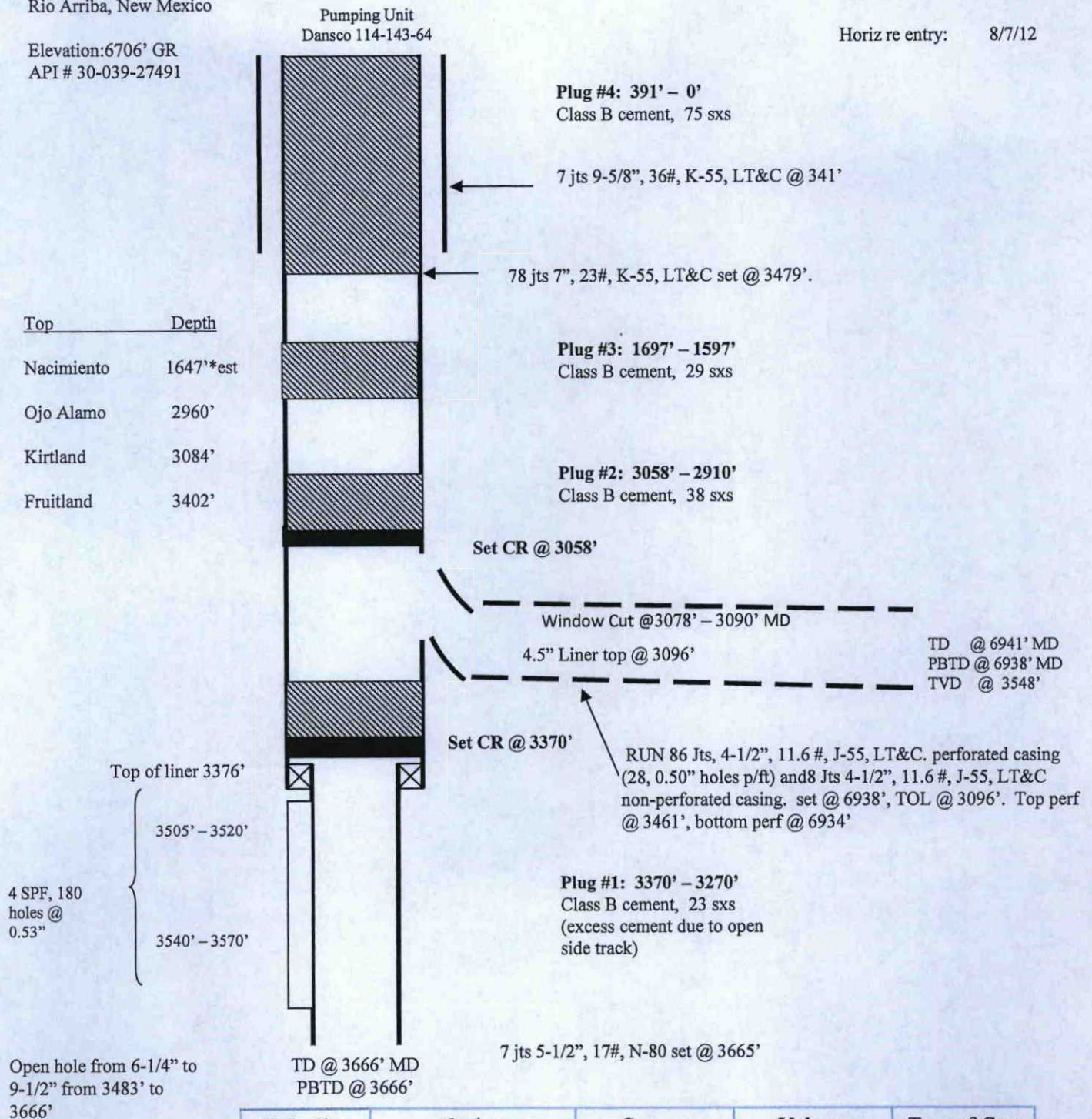
# ROSA UNIT #380- Proposed P&A BASIN FRUITLAND COAL

## Location:

SHL: 2607' FSL & 758' FWL  
NW/4 SW/4 Sec 20 (L), T31N, R04W  
BHL: 717' FNL & 2192' FWL  
NE/4 NW/4 Sec 29 (C), T31N, R04W  
Rio Arriba, New Mexico

Elevation: 6706' GR  
API # 30-039-27491

Spud : 09/18/08  
Completed: 05/02/09  
1st Delivery: 05/11/09  
Horiz re entry: 8/7/12





# ROSA UNIT #380- ReEntry BASIN FRUITLAND COAL

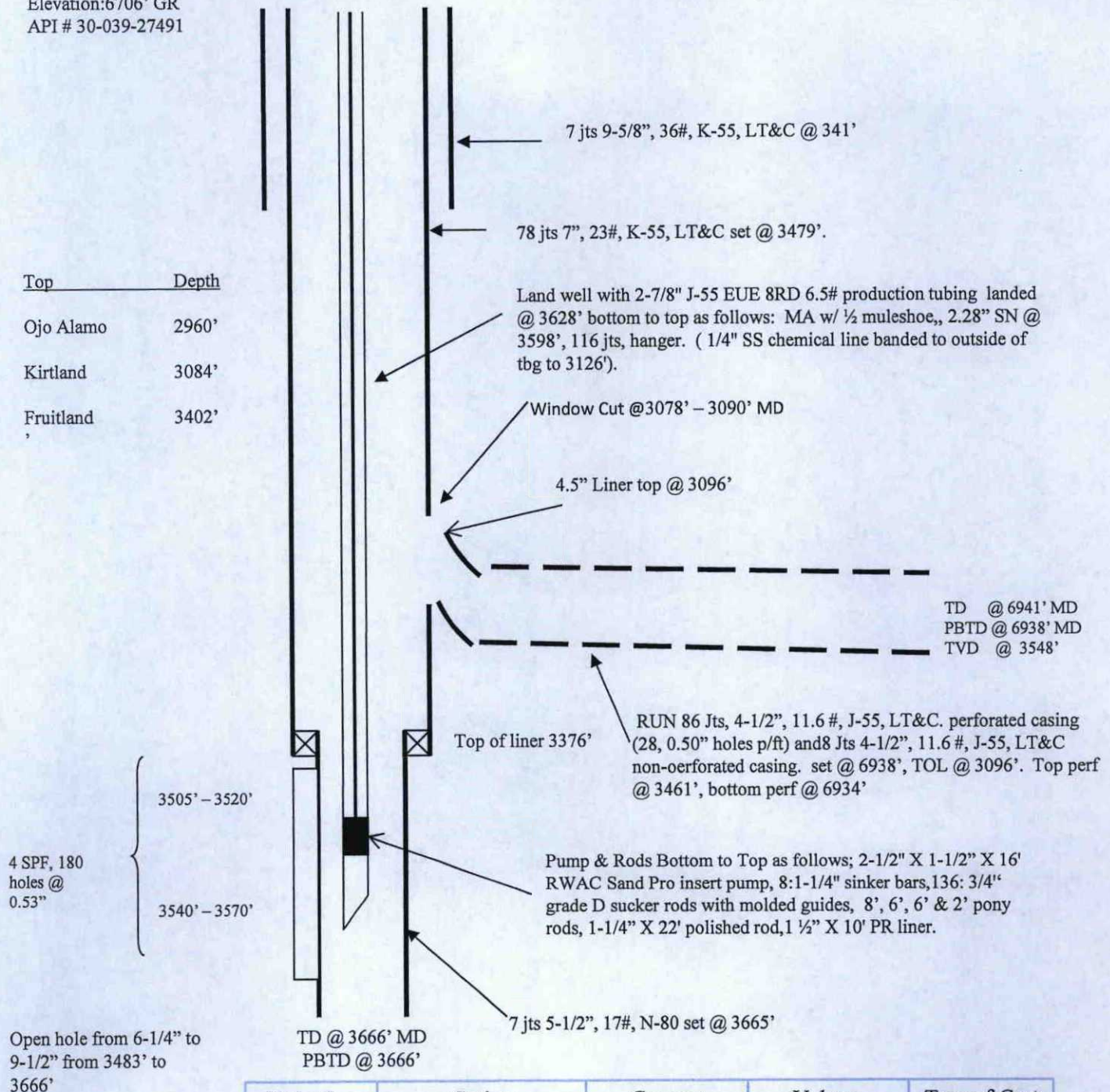
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Rio Arriba, New Mexico

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API # 30-039-27491

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Completed: 05/02/09  
1st Delivery: 05/11/09  
Horiz re entry: 8/7/12

Pumping Unit  
Dansco 114-143-64



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sx	212 cu. ft.	Surface
8-3/4"	7", 23#	410 sx	795 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		
6-1/4"	4-1/2", 11.6#, J-55	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 #380

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 #1 to **3219 ft.** to cover the Fruitland top. **BLM picks top of Fruitland at 3269 ft.** Adjust cement volume accordingly.
  - b) Set plug #3 (**1744-1644**) **ft.** to cover the Nacimiento top. **BLM picks top of Nacimiento at 1694 ft.**

H2S has not been reported at this location, however, operator reports very high concentrations of H2S (approx. 8,000 ppm GSV) at the RU #383 well in the SESE/4 Sec. 29, 31N, 4W and high concentrations of H2S (331 ppm GSV) at the Schalk 31-4 #2 well located in the NESW/4 Sec. 33, 31N, 4W. It is imperative that H2S monitoring and safety equipment be on location during P&A operations at this well site.

Operator must run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [tsalyers@blm.gov](mailto:tsalyers@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.



30-039-27491  
Revised

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

OIL CONS. DIV DIST. 3

OCT 15 2015

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