

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 25 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.

5. Lease Serial No.
NMSF-078767

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 #226A

9. API Well No.
30-039-27817

10. Field and Pool or Exploratory Area
Basin Fruitland Coal

11. Country or Parish, State
Rio Arriba, NM

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)
505-333-1816

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 1391' FNL & 902' FWL SEC 12 31N 6W
BHL: 286' FNL & 1239' FEL SEC 12 31N 6W

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 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.)

WPX Energy would like to plug and abandon the Rosa Unit #226A per the attached procedure. In addition to the P&A procedure please find a schematic representing the current and proposed well bore.

OIL CONS. DIV DIST. 3

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

JUN 25 2015
Notify NMOCD 24 hrs
prior to beginning
operations



H₂S POTENTIAL EXIST

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

Name (Printed/Typed)
Lacey Granillo

Title Permit Tech III

Signature

Date 2/25/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy Salvers

Title PE

Date 6/22/2015

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

PLUG AND ABANDONMENT PROCEDURE

November 25, 2014

Rosa Unit #226A

Fruitland Coal

1391' FNL and 902' FWL, Section 12, T31N, R6W
Rio Arriba County, New Mexico / API 30-039-27817

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 3270' .
Packer: Yes , No , Unknown , Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

Note: Lateral was plugged 2012.

Round trip 7" gauge ring or casing scraper to 2974' or as deep as possible.

3. **Plug #1 (Pictured Cliffs top, Fruitland Coal Interval, Fruitland, Kirtland and Ojo Alamo tops, 2974' – 2358')**: RIH and set 7" cement retainer at 2974'. Pressure test tubing to 1000 PSI. Pressure test casing to 1000#. **If the casings do not test, then spot or tag subsequent plugs as appropriate.** Circulate well clean. Mix 125 sxs Class B cement inside casing from 2974' to isolate the Pictured Cliffs, Fruitland Coal, Fruitland, Kirtland and Ojo Alamo intervals and top. PUH.
4. **Plug #2 (Nacimiento top, 1160' – 1060')**: Mix and pump 29 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH.
5. **Plug #3 (Surface, 100' - 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 20 sxs cement and spot a balanced plug from 100' 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.

Pre - P&A 2014

ROSA UNIT Re-Entry #226A FRUITLAND COAL

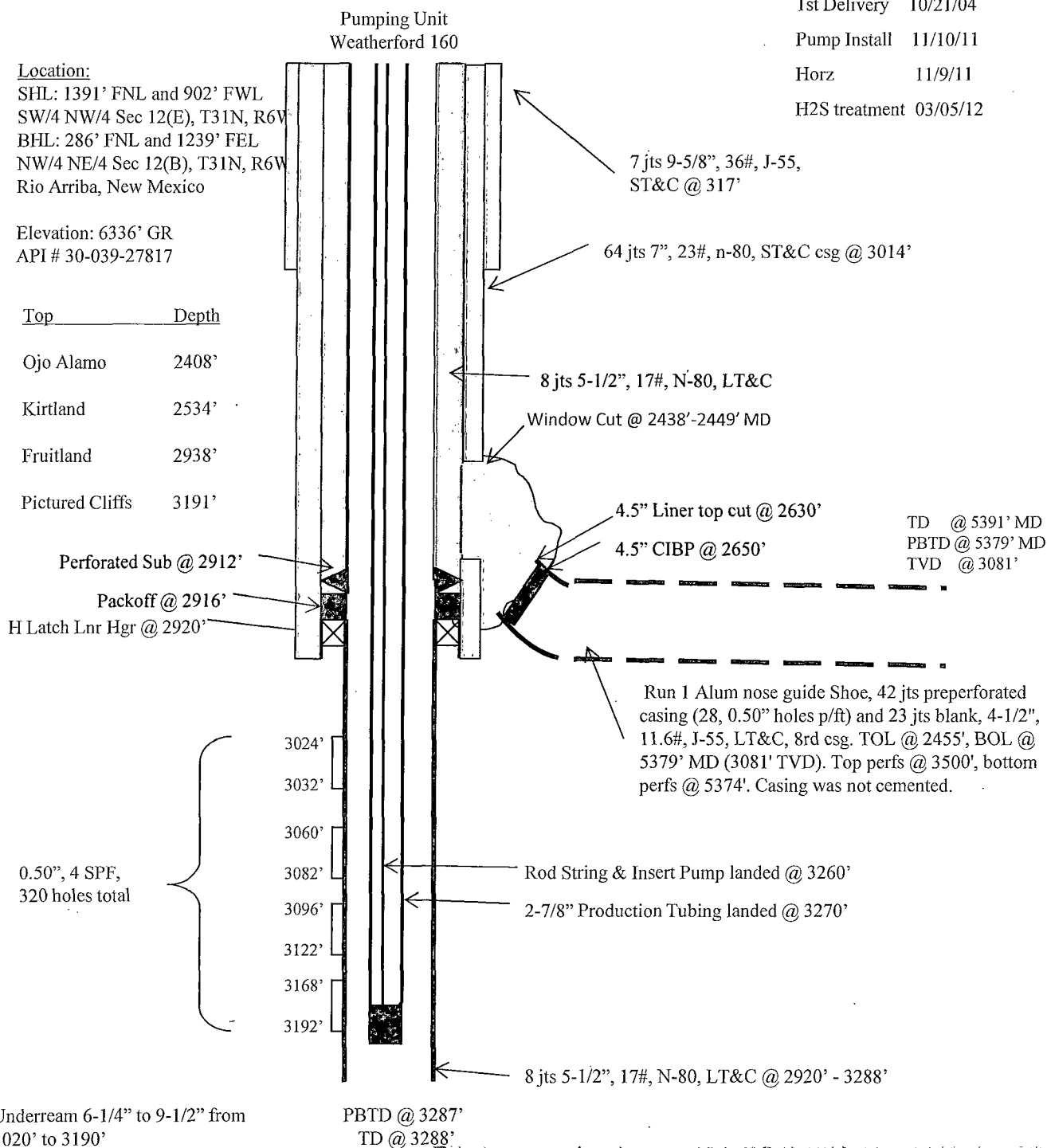
Spud 08/26/04
Completed 10/06/04
1st Delivery 10/21/04
Pump Install 11/10/11
Horz 11/9/11
H2S treatment 03/05/12

Location:

SHL: 1391' FNL and 902' FWL
SW/4 NW/4 Sec 12(E), T31N, R6W
BHL: 286' FNL and 1239' FEL
NW/4 NE/4 Sec 12(B), T31N, R6W
Rio Arriba, New Mexico

Elevation: 6336' GR
API # 30-039-27817

Top	Depth
Ojo Alamo	2408'
Kirtland	2534'
Fruitland	2938'
Pictured Cliffs	3191'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	416 sx	587 cu. ft.	Surface
8-3/4"	7", 23#	500 sx	1006 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		
6-1/4"	4-1/2"	Did Not Cmt		

Proposed P&A 2014

ROSA UNIT Re-Entry #226A FRUITLAND COAL

Location:

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SW/4 NW/4 Sec 12(E), T31N, R6W
BHL: 286' FNL and 1239' FEL
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Rio Arriba, New Mexico

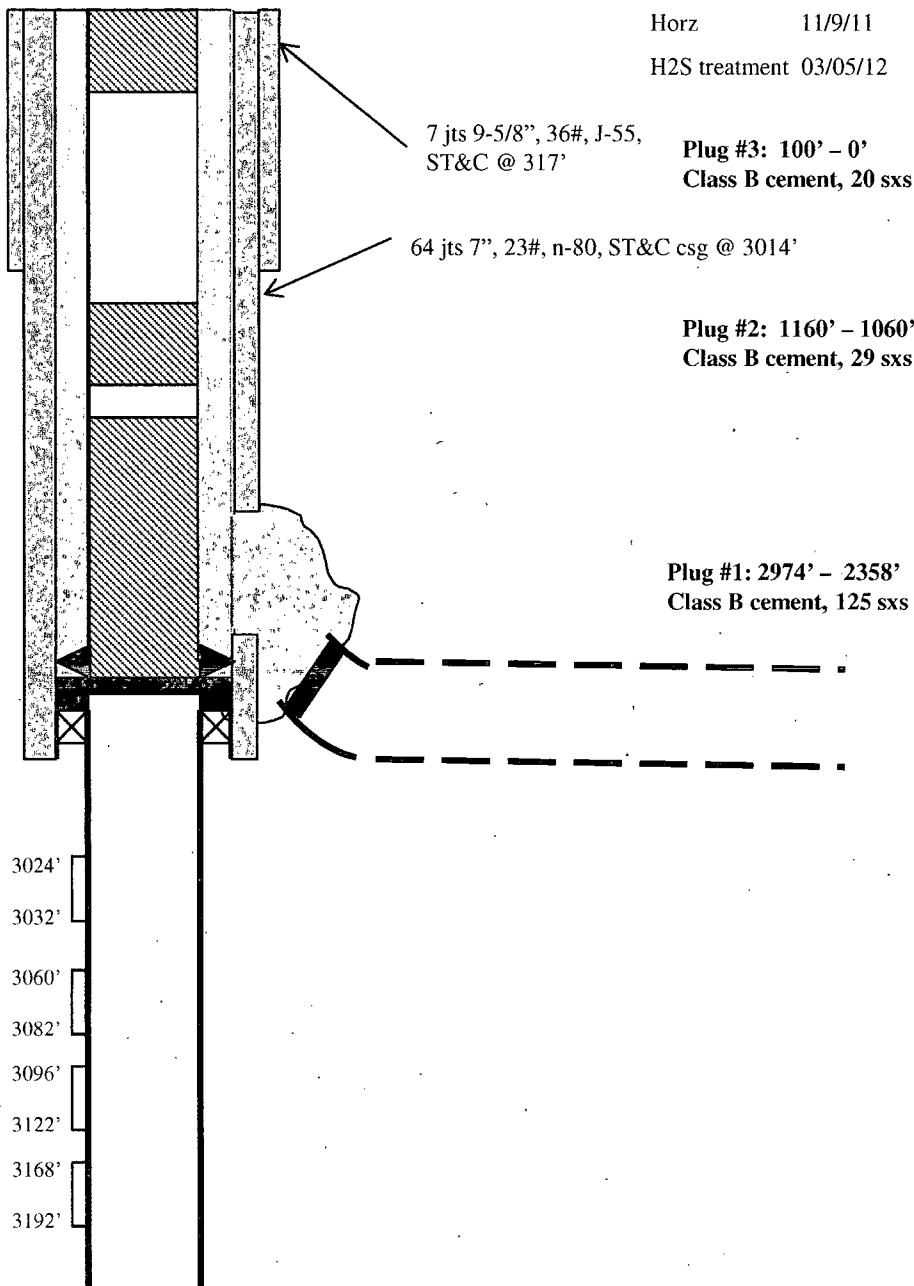
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Horz 11/9/11
H2S treatment 03/05/12

Top	Depth
Nacimiento	1110' *est
Ojo Alamo	2408'
Kirtland	2534'
Fruitland	2938'
Pictured Cliffs	3191'

Set 7" CR @ 2974'

0.50", 4 SPF,
320 holes total



Underream 6-1/4" to 9-1/2" from
3020' to 3190'

PBTD @ 3287'
TD @ 3288'

8 jts 5-1/2", 17#, N-80, LT&C @ 2920' - 3288'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	416 sx	587 cu. ft.	Surface
8-3/4"	7", 23#	500 sx	1006 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		
6-1/4"	4-1/2"	Did Not Cmt		

LH 03/06/12

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 #226A

CONDITIONS OF APPROVAL

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

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) Set plug #2 (1274-1174) ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 1224 ft.
- b) Set plug #3 (367-0) ft. to cover the surface casing shoe and surface plug. Adjust cement volume accordingly.

Note: Operator reports very high concentrations of H₂S (500 ppm GSV) at this location. It is imperative that H₂S monitoring and safety equipment be on location during P&A operations at this wellsite.

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.