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Form 3160-5  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office  
Bureau of Land Management

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 - 078770

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E

8. Well Name and No.  
Rosa Unit #006Y

9. API Well No.  
30-039-26399

10. Field and Pool or Exploratory Area  
Blanco MV

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)  
785' FSL & 855' FWL SEC 27 31N 5W

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 <u>P&amp;A</u>
	<input type="checkbox"/> Change Plans	<input 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 recomplete 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 recompletion 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

OIL CONS. DIV DIST. 3

JUL 21 2016

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

NOTE: This well shares the Rosa Unit No. 257 (API #30-039-24596) that are still producing. The reclamation activities will take place when all wells on location are P&A'd.

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM THE REQUIREMENTS 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

Signature

Title Permit Tech III

Date 6/29/16

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title PE

Office FFO

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.

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)

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## PLUG AND ABANDONMENT PROCEDURE

June 21, 2016

### Rosa Unit #6Y

Blanco Mesaverde

785' FSL and 855' FWL, Section 27, T31N, R5W

Rio Arriba County, NM / API 30-39-26399

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 2-3/8", Length 6369'.  
Packer: Yes , No , Unknown , Type .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
3. **Plug #1 (Mesaverde interval and Chacra top, 4874' – 4460')**: Round trip 4.5" gauge ring or mill to 4874' or as deep as possible. RIH and set a 4.5" CR at 4874'. Pressure test tubing to 1000 PSI. Mix 36 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde interval through the Gallup top. PUH.
4. **Plug #2 (7" casing shoe and 4.5" liner top, 4198' – 3977')**: Mix 36 sxs Class B cement and spot a plug inside the casing to cover the 7" casing shoe and 4.5" liner top. PUH.
5. **Plug #3 (Pictured Cliffs and Fruitland tops, 3735' – 3409')**: Mix 7 sxs Class B cement and spot a plug inside the casing to cover Pictured Cliffs and Fruitland tops. PUH.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 3116' – 2918')**: Mix 47 sxs Class B cement and spot a plug inside the casing to cover through the Ojo Alamo top. PUH.
7. **Plug #5 (Nacimiento top, 1807' - 1707')**: Mix 29 sxs Class B cement and spot a plug inside the casing to cover the Nacimiento top. PUH.
8. **Plug #6 (Surface, 341' – 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 64 sxs cement and spot a balanced plug from 341' 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.
9. 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 #6Y  
BLANCO MESAVERDE  
Current

Location:

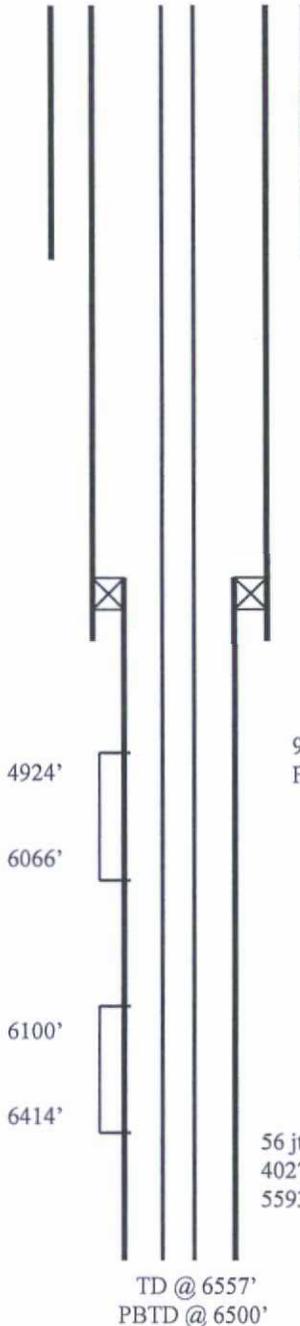
785' FSL and 855' FWL  
SW/4 SW/4 Sec 27(M), T31N R05W  
Rio Arriba, New Mexico

Elevation: 6785' GR  
API #: 30-039-26399

Spud date : 8/27/00  
Completed: 10/17/00  
First Delivery 12/9/01

6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 291'  
Cemented with 150 sx cmt

Top	Depth
Pictured Cliffs	3685'
Lewis	3934'
CliffHouse	5851'
Menefee	5893'
Point Lookout	6099'



TIW liner hanger.  
TOL @ 4027'

91 jts 7", 20#, K-55, ST&C csg. Landed @ 4148'.  
Float @ 4101'. Cemented with 655 sx cmt.

206 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbq w/  
1/2" mule shoe on bottom and SN 1 jt up.  
Landed @ 6404'

56 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @  
4027' - 6557'. Latch collar @ 6532' & marker jt @  
5593'. Cemented with 260 sx cmt

STIMULATION

CliffHouse/Menefee: 4924' - 6066'  
(35, 0.38" holes) Frac with 80,000#  
20/40 sand in 2067 bbls slick water.

Point Lookout: 6100' - 6414' (29,  
0.38" holes) Frac with 80,000# 20/40  
sand in 1955 bbls slick water.

TD @ 6557'  
PBSD @ 6500'

Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	150 sx	209 cu. ft.	surface
8-3/4"	7", 20#	655 sx	1246 cu. ft.	surface
6-1/4"	4-1/2", 10.5#	260 sx	377 cu. ft.	4027'

# Rosa Unit #6Y

## Proposed P&A

Blanco Mesaverde

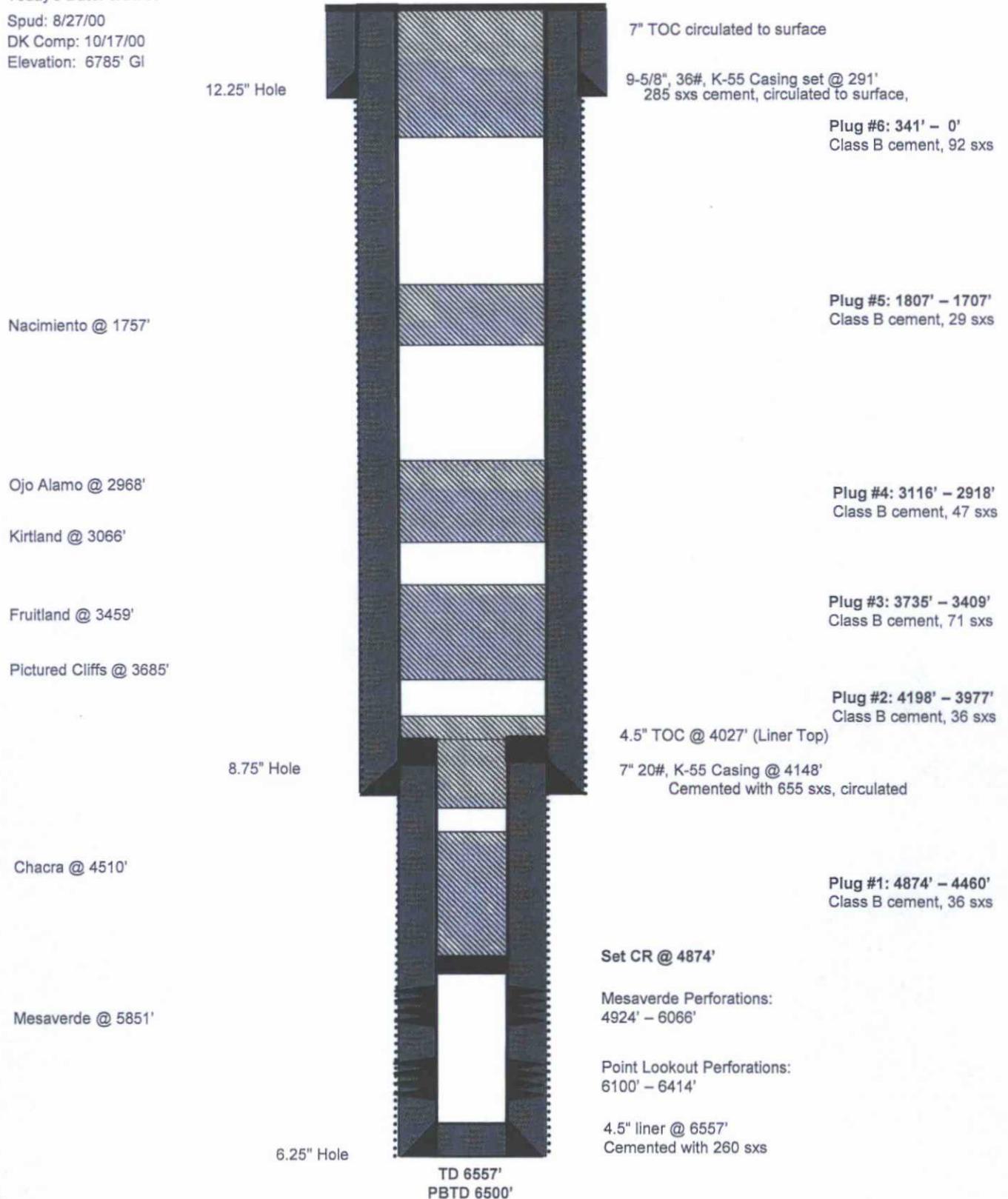
785' FSL & 855' FWL, Section 27, T-31-N, R-5-W  
Rio Arriba County, NM / API #30-039-26399

Today's Date: 6/21/16

Spud: 8/27/00

DK Comp: 10/17/00

Elevation: 6785' GI



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 #6Y

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 #3 to **3347 ft.** to cover the Fruitland top. **BLM picks top of Fruitland at 3397 ft.** Adjust cement volume accordingly.
- b) Set plug #4 (**3132-2854**) ft. to cover the Kirtland and Ojo Alamo tops. **BLM picks top of Kirtland at 3082 ft. BLM picks top of Ojo Alamo at 2904 ft.**
- c) Bring the top of plug #5 to **1654 ft.** to cover the Nacmiento top. **BLM picks top of Nacimiento at 1704 ft.** 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.