

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 02 2015

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

**SUNDRY NOTICES AND REPORTS ON WELLS** Farmington Field Office  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.* Bureau of Land Management

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

5. Lease Serial No. \_\_\_\_\_  
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 #045  
9. API Well No.  
30-039-23013  
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 Company 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)  
820' FSL & 960' FWL SEC 9 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 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 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.)

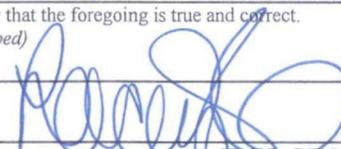
WPX Energy would like to plug and abandon the Rosa Unit #045 per the attached procedure. In addition to the P&A procedure please find a P&A Reclamation Plan and Schematic representing the current and proposed well bore.

OIL CONS. DIV DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

SEP 11 2015  
Notify NMOCD 24 hrs  
prior to beginning  
operations

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

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)  
Lacey Granillo  
Signature   
Title Permit Tech III  
Date 9/2/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by  
Troy Salvess  
Title PE  
Office FFO  
Date 9/9/2015

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

6 AC

## PLUG AND ABANDONMENT PROCEDURE

July 27, 2015

### Rosa Unit #45

Blanco Mesaverde

820' FSL and 960' FWL, Section 9, T31N, R5W

Rio Arriba County, NM / API 30-039-23013

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 COGD, 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 5917'.  
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 perforations and top, 5620' – 5520')**: Round trip 4.5" gauge ring or mill to 5620'. RIH and set a CR at 5620'. Pressure test tubing to 1000 PSI. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs. Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde interval. PUH.
4. **Plug #2 (Chacra top, 4479' – 4379')**: Mix 12 sxs Class B cement and spot a plug inside the casing to cover the Chacra top. PUH.
5. **Plug #3 (7" casing shoe, 4.5" liner top, 4085' – 3696')**: Mix 50 sxs Class B cement and spot a plug inside the casing to cover the 7" casing shoe and 4.5" liner top. PUH.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 3455' – 3223')**: Mix 55 sxs Class B cement and spot a plug inside the casing to cover through the Fruitland top. PUH.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 2844' – 2592')**: Mix 59 sxs Class B cement and spot a plug inside the casing to cover through the Ojo Alamo top. TOH.
8. **Plug #6 (Nacimiento top, 1545' – 1445')**: Perforate 3 HSC squeeze holes at 1545'. Establish injection rate. RIH and set CR at 1495'. TIH with tubing and sting into CR. Establish rate. Mix 55 sxs Class B cement, squeeze 26 sxs outside casing and leave 29 sxs inside casing to isolate the Nacimiento top. PUH.

9. **Plug #7 (Surface, 279' – 0')**: Perforate 3 squeeze holes at 279'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 110 sxs Class B cement and pump down the 7" casing to circulate good cement out bradenhead. 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.

# Rosa Unit #45

## Proposed P&A

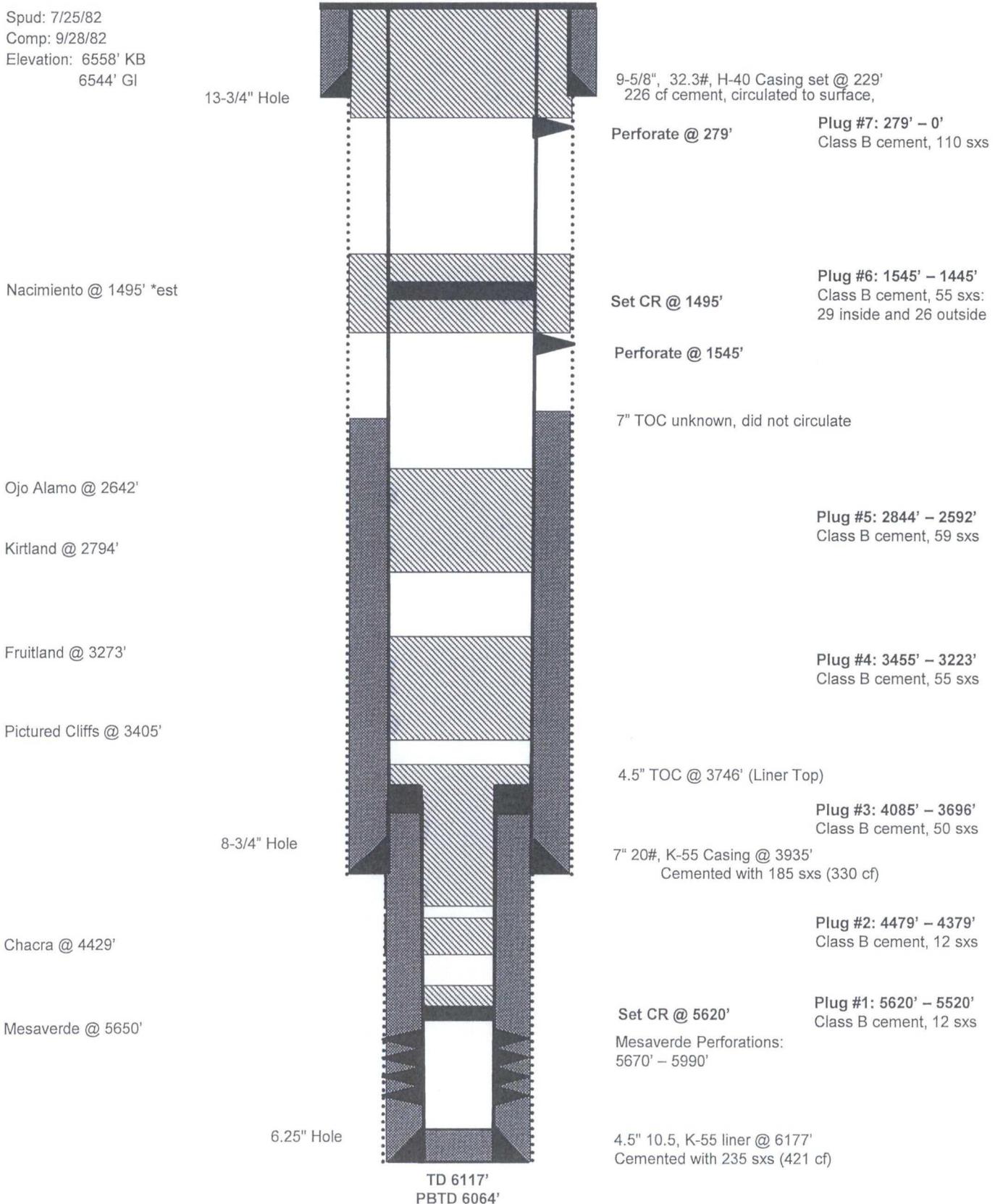
Blanco Mesaverde

820' FSL & 960' FWL, Section 9, T-31-N, R-5-W

Rio Arriba County, NM / API #30-039-23013

Today's Date: 7/27/15

Spud: 7/25/82  
 Comp: 9/28/82  
 Elevation: 6558' KB  
 6544' GI



ROSA UNIT #45  
BLANCO MESAVERDE

Location:

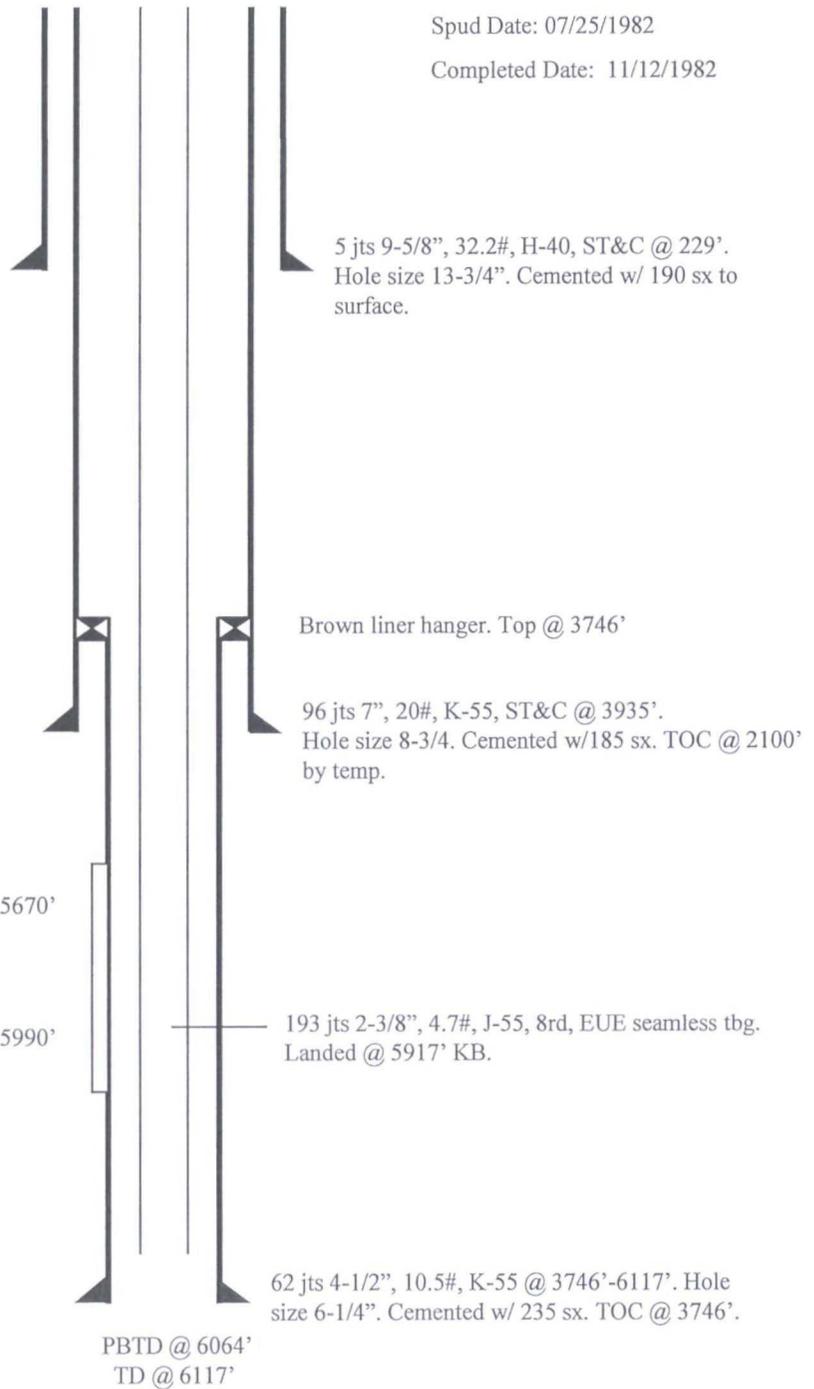
820' FSL and 960' FWL  
SW/4 SW/4 Sec 9, T31N, R5W  
Rio Arriba, New Mexico

Elevation: 6558' KB 14' KB

API # 30-039-23013

Top	Depth
Ojo Alamo	2642'
Kirtland	2794'
Fruitland	3273'
Pictured Cliffs	3405'
Lewis	3773'
Cliff House	5650'
Menefee	5696'
Point Lookout	5876'

**Mesaverde:** Perf'd 20 holes.  
Frac'd w/ 70,770 gal fluid and  
80,000# 20/40 sand.



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 #45

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 #4 to **3091 ft.** to cover the Pictured Cliffs and Fruitland tops. **BLM picks top of Fruitland at 3141 ft.** Adjust cement volume accordingly.
  - b) Bring the top of plug #6 to **1365 ft. inside/outside** to cover the Nacimiento top. **BLM picks top of Nacimiento at 1415 ft.** Adjust cement volume accordingly.

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.