

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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.  
SF-078766

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
ROSA UNIT #160B

9. API Well No.  
30-039-26962

10. Field and Pool or Exploratory Area  
BLANCO MV BASIN DK

11. Country or Parish, State  
Rio Arriba County, 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)  
505-333-1808

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1425' FSL & 50' FWL NW/4 SW/4 SEC 25 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 checked="" type="checkbox"/> Other Commingle _____
	<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.)

WPX Energy Production, LLC plans to commingle the Blanco Mesa Verde and Basin Dakota on this well as per attached procedure. Production allocations based on historical data will be as follows: MV - 65% DK - 35%. Commingle authorization has been filed with the NMOCD. (copy attached)

RCVD OCT 21 '13  
OIL CONS. DIV.  
DIST. 3

DHC 3850 AZ

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

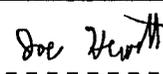
Name (Printed/Typed)  
Ben Mitchell

Signature 

Title Regulatory Specialist

Date 10/17/13

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

Approved by 

Title Geo

Date 10-18-13

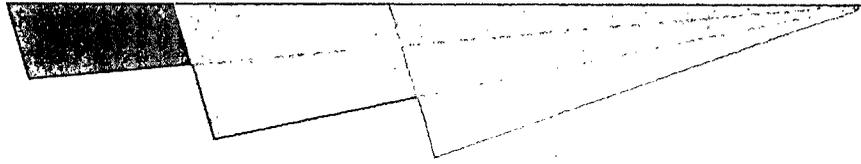
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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.

**NMOCD**

# WPX ENERGY<sup>SM</sup>



## PACKER REMOVAL & COMMINGLING PROCEDURE

**ROSA UNIT #160B**  
**API No. 30-039-26962**  
**T31N, R6W, SEC. 25**

### WELLBORE STATUS:

MESAVERDE/DAKOTA DUAL COMPLETION

#### MESAVERDE:

184 JTS 2-1/16", 3.25 #/FT, J-55 To 5932'  
5-1/2" ARROW MODEL "B" PACKER @ 6038'

#### DAKOTA:

246 JTS 2-1/16", 3.25 #/FT, J-55 To 7945'

### OBJECTIVE: REMOVE PACKER AND COMMINGLE MV & DK.

1. MIRU, kill, blow down to production tanks. Ensure hatch is open.
2. ND WH, NU BOP.
3. TOO H and LD Mesaverde tubing.
4. TOO H and LD Dakota tubing, release packer @ 6038'.
5. Clean out to PBTD @ 8000'.
6. TIH with single string 2-3/8" tubing, landed @ 7945'.
7. Install plunger lift system.
8. Remove one set of wellhead facilities.
9. Return to production as MV/DK commingle.

### PRIOR TO PRIMARY JOB:

- 1) Test rig anchors.
- 2) Verify location is OK for rig operations.
- 3) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.
- 4) Acquire ~7950' of 2-3/8" J-55, 4.7#/ft, 8rd EUE tubing.
- 5) Acquire wellhead and convert from dual tubing string to a single 2-3/8" tubing string.
- 6) Acquire 2-3/8" Seat Nipple.
- 7) **KCI** on location to treat kill water as needed.

## **SAFETY NOTICE**

PERSONNEL SAFETY IS THE NUMBER ONE JOB.  
NO EXCEPTIONS!!!  
**PLEASE FOLLOW APPROPRIATE WPX CONTRACTOR PROTOCOLS  
FOR THIS JOB PLAN**

Please see your WPX Representative if you have any questions; Contractor protocols can be located in the WPX Contractor Guide.

### **PROCEDURE:**

**Note:** Safety meetings shall be held each morning before work and subsequent "tailgate" safety meetings are to be held during the day when operation objectives shift in nature and intent (i.e. beginning/ending fishing operations, squeeze jobs, rigging down, perforating, etc.) Please ensure these are documented per the WPX Contractor Guide.

1. MIRU and spot equipment.
2. Blow down gas on well to production tank to kill. Ensure tank hatch is open. If necessary pump KCl water down tubing and backside to kill well.

**Note:** Step 2 is to be performed each day before work begins and as necessary throughout the workday (with expected departure(s) when tubing is out of the hole).

3. Test the BOP to 2500 psig minimum. If they fail, then rebuild and retest. If they cannot pass tests **DO NOT PROCEED** and notify Engineer.
4. TOO H w/ 2-1/16" Mesaverde tubing laying down and return to Tubascope for inspection/storage.
5. Pick up on 2-1/16" Dakota tubing to determine if the long string will pull.
6. TOO H with 2-1/16" one or two joints to confirm ability to move.
  - 6.1. Pick up additional joints of 2-1/16" pipe and wash to top of packer at 6038' using heavy air mist.
  - 6.2. After returns clean up, TOO H laying down and return to Tubascope for inspection/storage.
7. Spear or screw in and TOO H with 2-1/16" long string using straight pull to pull out of 5-1/2" Arrow Model "B" packer seal assembly.
8. TOO H laying down remaining tubing and seal assembly.
9. Clean out to 8000' PBTD using a bit & scraper and air unit.

**Note:** Only use pipe dope on the pins. Do not dope the couplings.

10. TIH w/ 2-3/8", 4.7#/ft, J-55 8rd EUE tubing and set @ 7945' as follows: ½ muleshoe, 1 jt tbg, seat nipple, tbg to surface.

11. Test tubing to 1000 psi to ensure integrity.

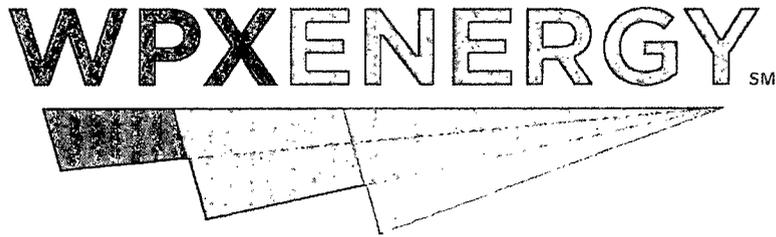
**Note:** This well should be dead and the BOP's shall be closed and locked at the end of daily operations.

12. Ensure tubing is not plugged prior to releasing the rig.

13. N/D BOP's and N/U wellhead.

14. Return well to production.

15. RDMO.



**Production Allocation Recommendation  
Rosa Unit #160B  
Mesa Verde/Dakota**

<b>WELLNAME:</b>	Rosa Unit #160B	<b>FIELD:</b>	San Juan
<b>LOCATION:</b>	NW/4 SW/4 Section 25L, T31N, R6W	<b>COUNTY:</b>	Rio Arriba
<b>API No.:</b>	30-039-26962	<b>Date:</b>	January 28, 2013

**Current Status:** The Rosa Unit #160B is currently a dual completion well producing from the Mesa Verde and Dakota formations. WPX Energy recommends commingling this well.

**Commingle Procedure:**

- Mesa Verde tubing will be pulled
- Dakota tubing will be pulled
- Production packer will be removed
- Well will be cleaned out to PBTD at 8000'
- A single string of 2-3/8" production tubing will be run to 7945'
- One set of wellhead facilities will be removed
- Well will be produced as a MV/DK commingle

**Allocation Method:** Historic production data from both zones in this well was gathered and analyzed. Cumulative production through January 2006 was considered to calculate baseline allocations. WPX Energy will run a completion profiler after the well is commingled and stabilized to re-evaluate allocation percentages.

Cumulative production used for baseline allocation:

Total Production from well = 312.683 MMcf  
Total Production from MV = 204.323 MMcf  
Total Production from DK = 108.360 MMcf

MV allocation = MV production / Total production = 204.323 MMcf / 312.683 MMcf = **65.3%**

DK allocation = DK production / Total production = 108.360 MMcf / 312.683 MMcf = **34.7%**

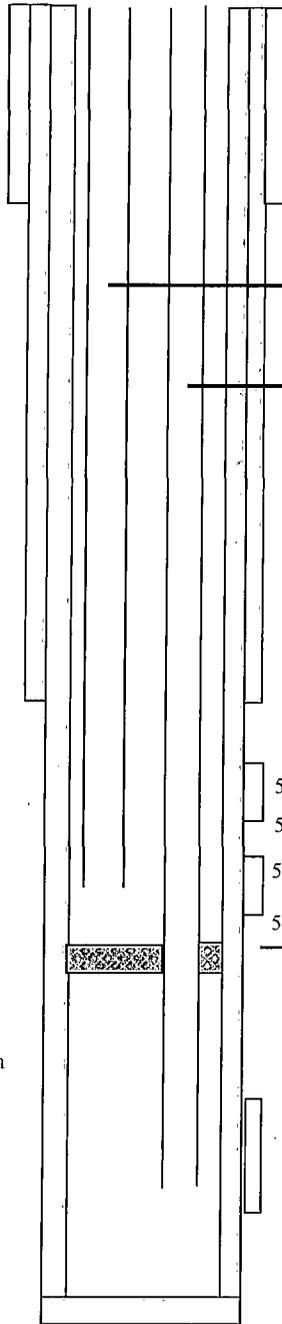
# ROSA UNIT #160B BLANCO MV/BASIN DK

**Location:** 1425' FSL, 50' FWL  
NW/4 SW/4 Section 25(L), T31N, R6W  
Rio Arriba Co., NM

Spud Date 07-11-03  
Completed 09-26-03  
1<sup>st</sup> Delivered 11-21-03

**Elevation:** 6410' GR  
**API #:** 30-039-26962

Tops	Depth
Kirtland	2590'
Pictured Cliffs	3222'
Cliff House	5068'
Point Lookout	5635'
Mancos	5987'
Dakota	7855'



5 jts of 10 3/4", 40.5#, K-55, ST&C csg.  
Set @ 256'

Mesaverde Tubing: 5' perf sub, 1 jt 2-1/16" tbg, 1.5" SN,  
& 183 jts 2-1/16". Landed @ 5932' (184 jts total)

Dakota Tubing: 1/2" mule shoe, 1 jt 2-1/16" tbg, 1.5" SN,  
58 jts 2-1/16" tbg, seal bore assembly w/ 5 seals, 186 jts 2-  
1/16" tbg, 10' pup jt & 1 jt 2-1/16" tbg. Landed @ 7945'.  
(246 jts total)

87 jts of 7-5/8", 26.4#, LT&C csg. Set @ 3695'. Insert baffle @ 3657'

5161'

5607'

5643'

5945'

Arrow model "B" packer @ 6038'

7856'

7954'

180 jts of 5-1/2", 17#, LT&C csg. Set @  
8025'. Float collar @ 8000'. Marker jts  
@ 7601' & 5116'

TD @ 8028'  
PBSD @ 8000'

CliffHouse/Menefec 5161' - 5607' (31, 0.33" holes)  
80,000# of 20/40 sand in 1892 BBI's slick water.

Point Lookout 5643' - 5945' (35, 0.33" holes)  
80,600# of 20/40 sand in 1860 BBI's slick water.

Dakota 7856' - 7954' (21, 0.33" holes)  
4500# 100 Mesh ahead & 93,660# of 20/40 SB Excel Resin  
carried in a Spectra Frac 3000 60Q N2 foam

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
14 3/4"	10 3/4"	240 sx	338 cu.ft.	surface
9 7/8"	7 5/8"	650 sx	1286 cu.ft.	555'
6 3/4"	5 1/2"	280 sx	588 cu.ft.	2148'