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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.

Lease Serial No.  
**NMSF 078777**

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.  
**NMNM 78407E**

8. Well Name and No.  
**Rosa Unit 601**

9. API Well No.  
**30-039-30916**

10. Field and Pool or Exploratory Area  
**Basin Mancos / Basin Dakota**

11. County 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)  
**505-333-1808**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1475' FNL & 1220' FEL Sec 31, T 31N, R4W**

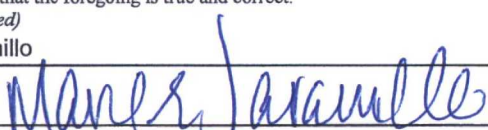
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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 <b>MIT &amp; TA Request</b>
	<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 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.)

Per further evaluations, WPX Energy notified & received verbal approval on 4/4/17 from William Tambekou (BLM) & Brandon Powell (NMOCD) requesting to perform a Mechanical Integrity Test (MIT) to place the following well in Temporary Abandon (TA) status by setting a CIBP per MIT/ TA procedure and wellbore diagram attached.

**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) <b>Marie E. Jaramillo</b>		Title <b>Permit Tech</b>
Signature 		Date <b>4/4/17</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	<b>Petroleum</b> Title <b>Engineer</b>	Date <b>4/6/2017</b>
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 <b>FFD</b>	

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.

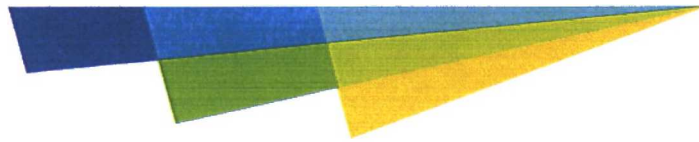
(Instructions on page 2)

NMOCD 

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# WPXENERGY<sup>SM</sup>



## **MECHANICAL INTEGRITY TEST PROCEDURE**

**ROSA UT #601**

**SAN JUAN BASIN, NEW MEXICO**

**04 APR, 2017**

**\*\*\*Ensure fuel used during job & estimate of vented gas is reported in daily reports\*\*\***

**\*\*\*Continuous personal H2S monitoring is required. Any H2S alarms or other indications above 10ppm will require work to stop and the situation to be evaluated.\*\*\***

### **OBJECTIVE:**

- 1) Prepare well for and conduct MIT.

### **PRIOR TO PRIMARY JOB**

- 1) Verify location is okay for rig and/or wireline operations.
- 2) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.

### **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 Business Representative if you have any questions; Contrator protocols can be located in the WPX  
Energy Contractor Guide**



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**PROCEDURE:**

**Note:** A safety meeting 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, etc.) **Please ensure these are documented per the WPX Energy Contractor Guide**

1. Notify BLM & NMOCD 24 hrs prior to start of work.
2. Spot equipment, MIRU.
3. Blow down csg to production tank, ensuring tank hatch is open, and load well with produced water treated with biocide and corrosion inhibitor as needed to kill well.
4. TOOH w/ tbg string, laying down on trailer.
5. RIH w/CIBP, setting between 6,875' – 6,925' (within 50' of top perf of 6,925').
6. Load csg with produced water treated with biocide and corrosion inhibitor.
7. Pressure test csg to 500 psi surface pressure for 30 minutes.
  - a. Pressure drop cannot be greater than 10% over 30-minute period.
  - b. Monitor surface csg pressure and flow during test.
  - c. Top off csg after the test.
  - d. Record test on chart recorder with maximum 2-hr clock and maximum 1000-lb spring, which has been calibrated within 6 months prior to test.
  - e. Witnesses to test shall sign the chart.
8. Secure well.
9. RDMO.
10. Turn all data in to office.

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ROSA UNIT #601  
BASIN MANCOS

Location: 1475' FNL & 1220' FEL  
SE/4 NE/4 Section 31 (H), T31N, R4W  
Rio Arriba Co., NM  
Elevation: 6963' GR  
API: 30-039-30916

Spud Date 09/13/2010  
Completed 08/23/2011  
ID'd:  
Mancos 05/26/2011  
Dakota 05/05/2011  
Plug Back DK 10/24/13

Tops	Depth
Ojo Alamo	3209'
Kirtland	3325'
Pictured Cliffs	3786'
Cliff House	6000'
Point Lookout	6217'
Mancos	6738'
Graneros	8328'
Dakota	8467'

MC 5th: 6925'-7025' (33, .34" holes) Frac w/7500#  
100 mesh PSA followed w/99,900# 30/70 PSA

MC 4th: 7470'-7630' (39, .34" holes) Frac w/ 7500#  
100 mesh Ottawa followed w/139,400# 40/70  
Ottawa

MC 3rd: 7705'-7855' (42, .34" holes) Frac w/ 7660#  
100 mesh followed w/130,050# 30/70 PSA

MC 2nd: 7985'-8095' (36, .34" holes) Frac  
w/7640# 100 mesh followed w/61,545# 30/50  
Ottawa

MC 1st: 8280'-8320' (27, .34" holes) Frac w/5200#  
100 mesh followed w/80,200# 30/50 uniman sand

Dakota 3rd: 8395'-8430' (24, .34" holes)  
No stimulation - pressured out @6950#

Dakota 2nd: 8468'-8540' (48, .34" holes) Frac  
w/4961# 100 mesh sand followed w/101,529# 40/70  
Ottawa sand

Dakota 1st stage: 8683'-8722' (27, .34" holes)  
No stimulation

8 jts of 10-3/4", 40.5#, J-55, ST&C csg.  
Set @ 353'  
Hole Size: 14-3/4"

96 jts of 7-5/8", 26.4#, J-55, LT&C csg. Set @  
4262'.  
Hole Size: 9-7/8"

218 jts of 4-1/2", 11.6#, P-110, LT&C csg.  
Landed @ 8805'. Float collar @ 8779'.  
Marker jt @ 6230'  
Hole Size: 6-3/4"

LAND TBG AS FOLLOWS; 254 JTS TOTAL, 2,375 TBG  
HANGER, 253 JT 2.375" EUE8RD N-80 4.7# TBG FN @  
7629' 1JT MA WITH 1/2MS EOT @7862. RETURN TO  
PRODUCTION AS MC ONLY PRODUCER.

CIBP SET @ 8348'

CIBP left in hole @ 8630'  
CIBP left in hole @ 8660'

TD @ 8807'  
PBTD @ 8610'

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14-3/4"	10-3/4"	290 sx	522 cu.ft.	Surface
9-7/8"	7-5/8"	750 sx	1866 cu.ft.	Surface
6-3/4"	4-1/2"	615 sx	861 cu.ft.	4450' (CBL)

LG 11/7/13