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Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land ManagementFORM 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.

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)

1050' FNL & 790' FEL Sec 24, T 31N, R6W

Lease Serial No.

NMSF 078767

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 116

9. API Well No.

30-039-23484

10. Field and Pool or Exploratory Area

Basin Mancos

11. County or Parish, State

Rio Arriba, NM

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 Plug & Abandon
	<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 requests to plug and abandon this well per the attached plugging procedure and wellbore diagram.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**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

Title Permit Tech III

Signature

Date 5/3/17

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy Salvors

Title PE

Date 5/9/2017

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)

OIL CONS. DIV DIST. 3**MAY 10 2017****NMOCD**

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Family-owned. Founded in 1963 with Aztec Well Servicing Co.



WPX Energy
Plug & Abandon Procedure
May 1, 2017

Well:	Rosa Unit #116	API:	30-039-23484
Location:	1050'FNL & 790'FEL	Field:	
Sec,T, R:	Sec. 24, T31N, R6W	Elevation:	
Cnty/State:	Rio Arriba, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.8894424,-107.4104767		

Objective:

Permanently plug & abandon the well from 6590' to surface containing 6 separate cement plugs.

Prior to Rig:

1. Notify BLM & NMOCD
2. Note: verify all cement volumes based on actual slurry to be pumped
3. See attached COA's from BLM

Procedure:

Note: Dakota formation was previously P&A'd w/ CIBP at 7800' and 35' cap of cement. CIBP previously set at 6666' & 6590'.

1. MIRU P&A package, spot tubing trailer & workstring trailer
2. ND WH & NU BOP, rig up floor and equip
3. Unset tubing donut, TOOH & Tally stands of 2 3/8" production tubing, (200 jts & BHA)
4. TIH with retrieving tool, stands of 2 3/8" and pick up x amount of joints needed to reach RBP @6590'
5. TOOH w/ RBP
6. Rig up wireline and run CBL
7. WOC will be required. Due to hole located in casing.
8. **Plug #1, 6540' - 6590' (Gallup/Mancos perfs 6766'-5266'):** TIH w/ 2-3/8" tubing and x amount of joints and tag up on CIBP at 6590'. Mix and spot 5 sx (6 cf) of Class B cement (or equivalent) on top of CIBP that was previously set at 6590'. WOC
9. **Plug #2, 5750' - 5900' (Mancos Top: 5850'):** Pull up to 5900'. Mix and pump 12 sx (14 cf) of cement in a balanced cement plug from 5900' - 5750'. Pull above cement and reverse circulate to clean out tubing. Pull up hole & WOC. TIH & tag cement to confirm TOC. Re-spot cement if necessary.
10. **Plug #3, 4880' - 5030' (Mesaverde Top: 4980'):** Pull up to 5030'. Mix and pump 12 sx (14 cf) of cement in a balanced cement plug from 5030' - 4880'. Pull above cement and reverse circulate to clean out tubing. Pullup hole & WOC. TIH & tag cement to confirm TOC. Re-spot cement if necessary.



Family owned. Founded in 1987 with Aztec Well Servicing Co.



WPX Energy
Plug & Abandon Procedure
May 1, 2017

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Sec,T, R:	Sec. 24, T31N, R6W	Elevation:	
Cnty/State:	Rio Arriba, New Mexico		
Lat/Long:	36.8894424,-107.4104767	By:	Aztec Well Servicing

11. **Plug #4, 2900' - 3190' (Pictured Cliffs Top: 3140'):** Note: previously tested casing and found leaks f' 3001' - 3129'. RIH w/ CICR and set at 2950'. Mix & pump 25 sx (29.5 cf) of Class B cement. Sting out of retainer leaving 50' of cement on top of retainer. WOC.
12. Pressure test casing.
13. **Plug #5, 2143-2293 (Ojo Alamo Top: 2243'):** Pull up to 5030'. Mix and pump 12 sx (14 cf) of cement in a balanced cement plug from 5030' - 4880'. Pull above cement and reverse circulate to clean out tubing. Pull up hole & WOC. TIH & tag cement to confirm TOC. Re-spot cement if necessary.
14. **Plug #6, (11" Surface casing shoe, 402' to Surface):** If CBL does not show cement around shoe then perforate at 425' and attempt to establish circulation to surface out the Intermediate casing valve (note: circulated cement to surface on primary surface casing cement job). Mix approximately 50 sxs (59 cf) of cement and pump down the 4-1/2" casing to circulate out the bradenhead casing valve. If unable to circulate, top off as necessary.
15. ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per NMOCD and/ or BLM stipulations.

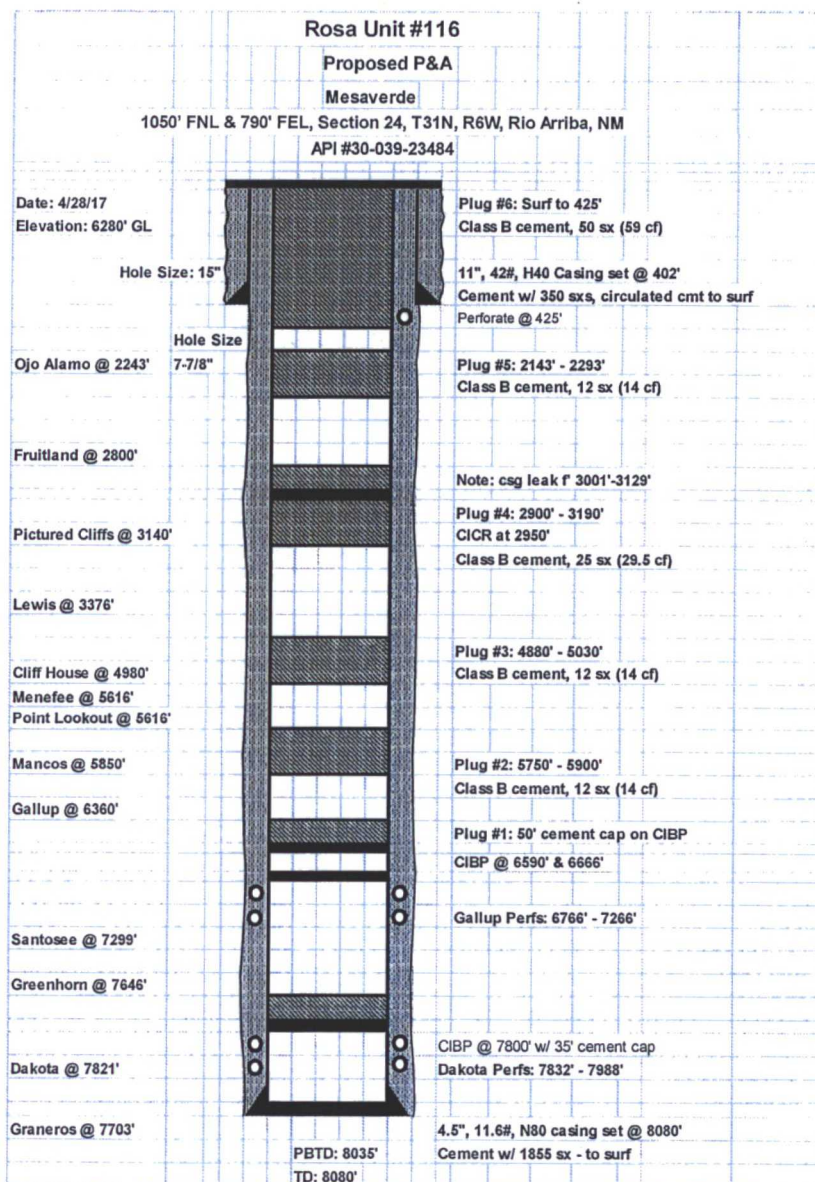
THE AZTEC WELL FAMILY

Family-owned, founded in 1963 with Aztec Well Servicing Co.



WPX Energy Plug & Abandon Procedure May 1, 2017

Well:	Rosa Unit #116	API:	30-039-23484
Location:	1050'FNL & 790'FEL	Field:	
Sec,T, R:	Sec. 24, T31N, R6W	Elevation:	
Cnty/State:	Rio Arriba, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.8894424,-107.4104767		



ROSA UNIT #116 *MV*

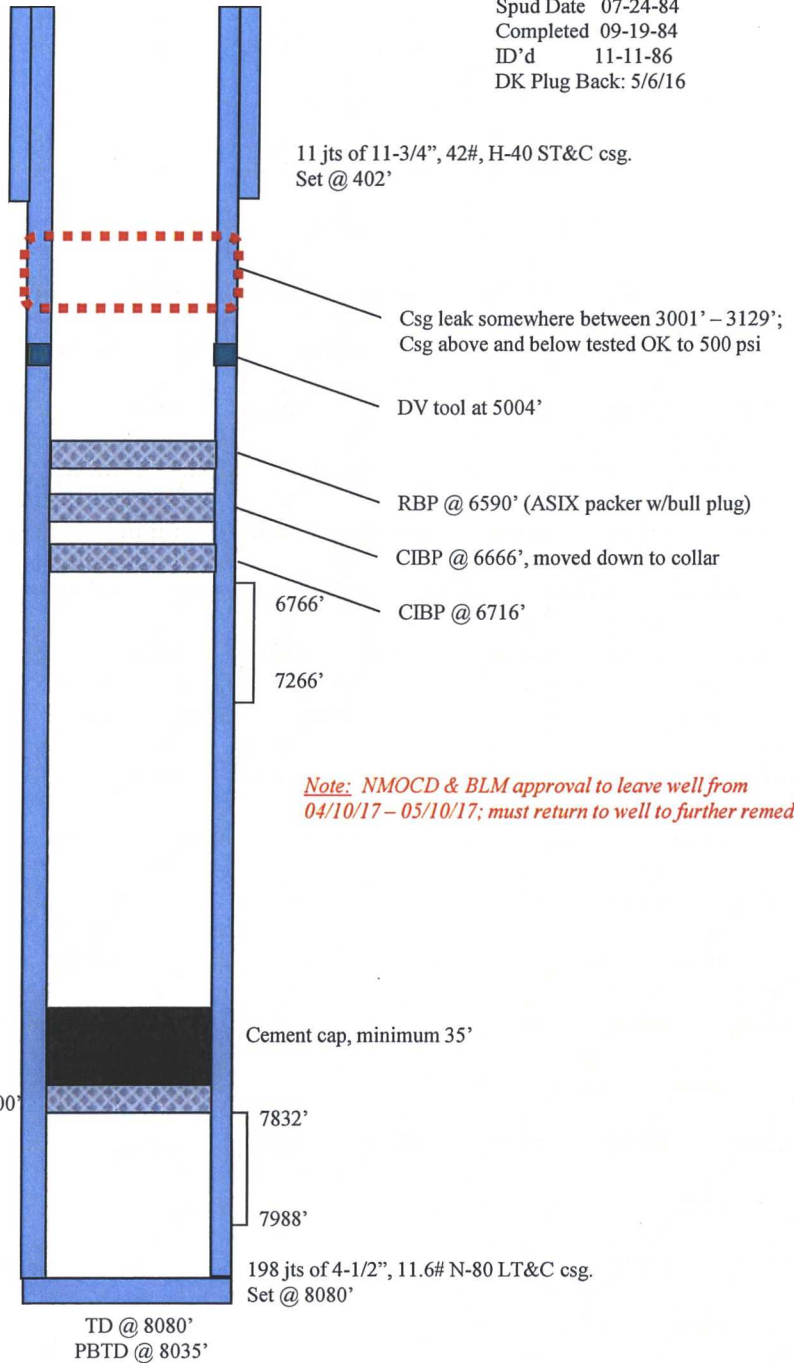
Location: 1050' FNL, 790' FEL
NE/4 NE/4 Section 24(A), T31N, R6W
Rio Arriba Co., NM

Elevation: 6280' GR

API # 30-039-23484

Spud Date 07-24-84
Completed 09-19-84
ID'd 11-11-86
DK Plug Back: 5/6/16

<i>Tops</i>	<i>Depth</i>
Ojo Alamo	2243'
Fruitland	2800'
Pictured Cliffs	3140'
Lewis	3376'
Cliff House	4980'
Menefee	5380'
Point Lookout	5616'
Mancos	5850'
Gallup	6360'
Santosee	7299'
Greenhorn	7646'
Graneros	7703'
Dakota	7821'



Gallup 6766' - 7266' (450, 0.39" holes)
130,000 gal 50# linear gel and 160,000# 20/40 sand.

Dakota 7832' - 7988' (328, 0.41" holes)
112,896 gal gelled water and 147,000# 20/40 sand.

<i>HOLE SIZE</i>	<i>CASING</i>	<i>CEMENT</i>	<i>CMT TOP</i>
15"	11-3/4"	350 s x	Surface
7-7/8"	4-1/2"	1855 s x	Surface

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 #116

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) Set plug #2 (6165-6065) ft. to cover the Mancos top. BLM picks top of Mancos at 6115 ft.
 - b) Set plug #3 (4163-4063) ft. to cover Chacra Equivalent (HB) top, for Mesaverde plugging proposes . BLM picks top of Chacra Equivalent (HB) at 4113 ft.
 - c) Bring the top of plug #4 to 2850 ft. to cover the Pictured Cliffs and Fruitland tops. Adjust cement volume accordingly
 - d) Set plug #5 (2550-2335) ft. to cover the Ojo Alamo formation. BLM picks top of the Ojo Alamo at 2385 ft. Adjust cement volume accordingly.
 - e) Set a plug (1122-1022) ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 1072 ft.
 - f) On plug #6, set surface shoe plug minimum 50 ft. below shoe. 452 ft. inside/outside plug will be required.

Operator must run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: aelmadani@blm.gov 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.