

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 25 2015

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-078763

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 #109

9. API Well No.
30-039-23520

10. Field and Pool or Exploratory Area
LAGUNA SECA/BASIN DAKOTA

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)
1190' FSL & 1010' FWL, (M) sec 9, T31N, R5W

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 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 would like to plug and abandon the Rosa Unit #109 per the attached procedure. In addition to the P&A procedure please find a schematic representing the current and proposed well bore.

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

OIL CONS. DIV DIST. 3

JUN 25 2015
Notify NMOCD 24 hrs
prior to beginning
operations

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)
Lacey Granillo

Title Permit Tech III

Signature

Date 2/25/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PE

Date 6/22/2015

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)

NMOCD

PLUG AND ABANDONMENT PROCEDURE

August 19, 2013

Rosa Unit #109

Basin Dakota / Laguna Seca Gallup
1190' FSL and 1010' FWL, Section 9, T31N, R5W
Rio Arriba County, New Mexico / API 30-039-23520
Lat: N _____ / Lat: W _____

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 location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes X, No _____, Unknown _____, Size 2-3/8, Length 8340'.
Packer: Yes X, No _____, Unknown _____, Type Arrow model "R" Packer at 7745'.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

Note: due to depth of well; run gauge ring after pulling packer to ensure the wellbore is clear.

3. **Plug #1 (Dakota perforations and top, 8150' – 8050')**: ^{See COA} RIH and set 4.5" cement retainer at 8150'. Pressure test tubing to 1000 PSI. Mix 12 sxs Class B cement inside casing from 8150' to isolate the Dakota interval. TOH.
NOTE: If Plug #1 is ready to be set first thing in the morning then run wireline CIBP to 8150' and dump bail 3 sxs Class B cement above CIBP. TOH and proceed to Plug #2.
4. **Plug #2 (Gallup perforations and top, 7166' – 6803')**: RIH and set 4.5" cement retainer at 7166'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 1000#. If the casings do not test, then spot or tag subsequent plugs as appropriate. Circulate well clean. Mix 32 sxs Class B cement inside casing from 7166' to isolate the Gallup perforations and cover the Gallup top. PUH.
5. **Plug #3 (Mancos and Mesaverde tops, 6020' – 5351')**: ^{See COA} Mix and pump 55 sxs Class B cement and spot a balanced plug inside casing to cover the Mancos and Mesaverde tops. PUH.
6. **Plug #4 (Chacra top, 4239' – 4139')**: ^{See COA} Mix and pump 55 sxs Class B cement and spot a balanced plug inside casing to cover the Mancos and Mesaverde tops. PUH.
7. **Plug #5 (Pictured Cliffs and Fruitland tops, 3524' – 3142')**: Mix and pump 33 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH.

See COA

8. **Plug #6 (Kirtland and Ojo Alamo tops, 2918' – 2716')**: Mix and pump 20 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH.

See COA

9. **Plug #7 (Nacimiento top, 478' – 378')**: Mix and pump 62 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. TOH.
10. **Plug #8 (13-3/8" casing shoe, 478' – 378')**: Perforate 3 HSC squeeze holes at 478'. Establish circulation out bradenhad valve. Mix and pump approximately 62 sxs cement, 50 outside casing and 12 inside. TOH and LD tubing.
11. **Plug #9 (Surface)**: 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. RIH with plastic coiled tubing and spot approximately 75 sxs cement inside annulus and casing. TOH and LD tubing. Shut well in and WOC.
12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Rosa Unit #109

Current

Basin Dakota / Laguna Seca Gallup

1190' FSL, 1010' FWL, Section 9, T-31-N, R-5-W
Rio Arriba County, NM, API #30-039-23520

Today's Date: 8/19/13

Spud: 11/3/84

Completed: 1/2/85

Elevation: 6620' GL
6633 KB

17-1/2" hole

13-3/8", 54.5#, J-55 Casing set @ 428'
Cement with 427 cf, circulated

TOC @ 600' (T.S.)

Nacimiento @ 1544'

Ojo Alamo @ 2762' *est

Kirtland @ 2868' *est

Fruitland @ 3192' *est

Pictured Cliffs @ 3474'

2-3/8" tubing 8340'
(265 joints, J-55 with SN @ 8309')

Chacra @ 4189' *est

TOC @ DV Tool

DV Tool at 5534'
2nd Stage: Cement with 2596 cf

Mesaverde @ 5401'

Mancos @ 5970'

Gallup @ 6853'

Gallup Perforations:
7216' – 7620'

Dakota @ 8243'

Arrow model "R" packer @ 7745'

Dakota Perforations:
8200' – 8352'

7.875" hole

4.5", 11.6#, J-55 Casing set @ 8482'
1st Stage: Cement with 1192 cf
circulated per Sundry.

TD 8488'
PBTD 8430'

Rosa Unit #109

Proposed P&A

Basin Dakota / Laguna Seca Gallup

1190' FSL, 1010' FWL, Section 9, T-31-N, R-5-W
Rio Arriba County, NM, API #30-039-23520

Today's Date: 8/19/13

Spud: 11/3/84

Completed: 1/2/85

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17-1/2" hole

Nacimiento @ 1544'

Ojo Alamo @ 2762' *est

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Fruitland @ 3192' *est

Pictured Cliffs @ 3474'

Chacra @ 4189' *est

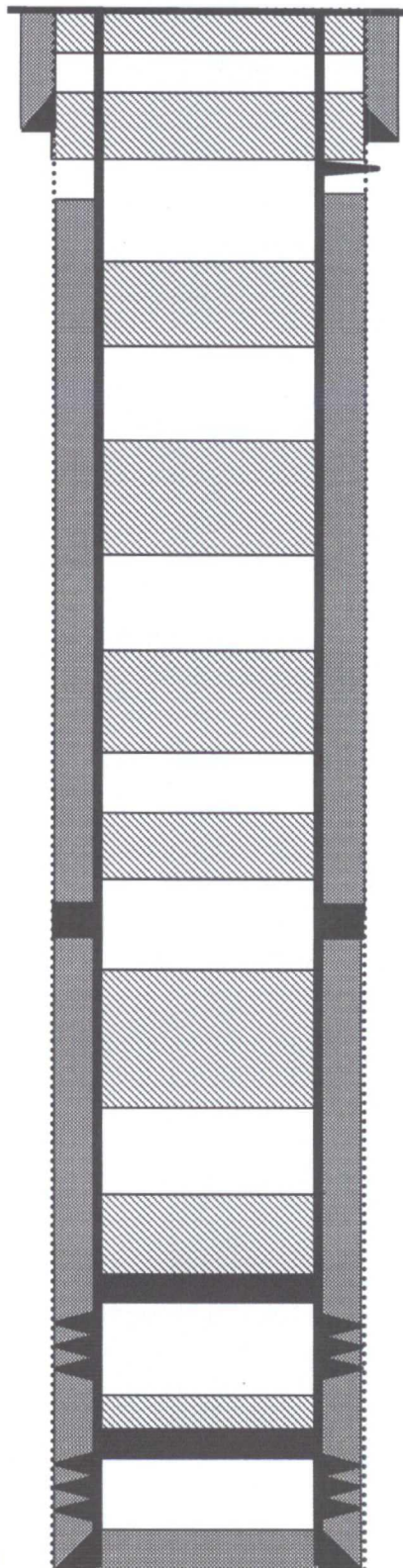
Mesaverde @ 5401'

Mancos @ 5970'

Gallup @ 6853'

Dakota @ 8243'

7.875" hole



TD 8488'
PBTB 8430'

Plug #9: 100' - 0'
Class B cement, 75 sxs

13-3/8", 54.5#, J-55 Casing set @ 428'
Cement with 427 cf, circulated

Perforate @ 478'
TOC @ 600' (T.S.)

Plug #8: 478' - 378'
Class B cement, 62 sxs:
50 outside and 12 inside

Plug #7: 1594' - 1494'
Class B cement, 12 sxs

Plug #6: 2918' - 2716'
Class B cement, 20 sxs

Plug #5: 3524' - 3142'
Class B cement, 33 sxs

TOC @ DV Tool

DV Tool at 5534'
2nd Stage: Cement with 2596 cf

Plug #4: 4239' - 4139'
Class B cement, 12 sxs

Plug #3: 6020' - 5351'
Class B cement, 55 sxs

Set CR @ 7166'

Gallup Perforations:
7216' - 7620'

Plug #2: 7166' - 6803'
Class B cement, 32 sxs

Set CR @ 8150'

Dakota Perforations:
8200' - 8352'

Plug #1: 8150' - 8050'
Class B cement, 12 sxs

4.5", 11.6#, J-55 Casing set @ 8482'
1st Stage: Cement with 1192 cf
circulated per Sundry.

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 #109

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

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 #1 to **8022 ft.** to cover the Graneros top. Adjust cement volume accordingly.
- b) Set plug #3 **(6482-5655) ft.** to cover the Mancos and Mesaverde tops. BLM picks top of Mancos at **6432 ft.** BLM picks top of Cliff House at **5705 ft.**
- c) Set plug #4 **(4534-4434) ft.** to cover the Chacra top. BLM picks top of Chacra at **4484 ft.**
- d) Bring the top of plug #6 to **2670 ft.** to cover the Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.
- e) Set plug #7 **(1523-1423) ft.** to cover the Nacimiento top. BLM picks top of Nacimiento at **1473 ft.**

Refer to attached General Requirement 4.6. 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
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.