

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 13 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.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF 078766
2. Name of Operator WPX Energy Production, LLC		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 640 Aztec, NM 87410	3b. Phone No. (include area code) 505-333-1822	7. If Unit of CA/Agreement, Name and/or No. NMNM78407E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1570' FSL & 870' FEL SEC 21 31N 6W		8. Well Name and No. Rosa Unit #100E
		9. API Well No. 30-039-25135
		10. Field and Pool or Exploratory Area Blanco MV/PC
		11. Country 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 type="checkbox"/> Other P&A
	<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 recompleate 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 recompleation 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 #100E 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.

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

Notify NMOCD 24 hrs prior to beginning operations

SEE ATTACHED FOR CONDITIONS OF APPROVAL

OIL CONS. DIV DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) LACEY GRANILLO		Title PERMITTING TECH III	OCT 21 2015
Signature		Date 10/12/15	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by		Title PE	Date 10/19/15
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 25, 2015

Rosa Unit #100E

Blanco Mesaverde / Rosa Pictured Cliffs
1570' FSL and 870' FEL, Section 21, T31N, R6W
Rio Arriba County, NM / API 30-39-25135

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 NMOCD, 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 X, No , Unknown .
Tubing: Yes X, No , Unknown , Size 2-3/8", Length 5705'.
Packer: Yes , No X, 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, 5254' – 5185')**: Round trip 4.5" gauge ring or mill to 5254'. RIH and set a 4.5" CR at 5254'. Pressure test tubing to 1000 PSI. Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde interval. TOH.
4. **Plug #2 (Chacra top and 7" casing shoe, 4.5" liner top, 4235' – 3796')**: Mix 53 sxs Class B cement and spot a plug inside the casing to cover the Chacra top, 7" casing shoe and 4.5" liner top. TOH.
5. **Plug #3 (Pictured Cliffs interval and Fruitland top, 3106' – 2844')**: Round trip 7" gauge ring or mill to 3106'. RIH and set a 7" CR at 3106'. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs. Mix 59 sxs Class B cement and spot a balanced plug inside casing to isolate PC interval and cover through the Fruitland top. PUH.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 2464' – 2260')**: Mix 48 sxs Class B cement and spot a plug inside the casing to cover through the Ojo Alamo top. PUH.
7. **Plug #5 (Nacimiento top, 1545' – 1445')**: Mix 29 sxs Class B cement and spot a plug inside the casing to cover the Nacimiento top. PUH.

8. **Plug #6 (Surface, 490' – 0')**: 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. Mix approximately 100 sxs cement and spot a balanced plug from 490' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casings to surface. Shut in well and WOC.
9. 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 #100E

Proposed

Blanco Mesaverde / Rosa Pictured Cliffs
1570' FSL & 870' FEL, Section 21, T-31-N, R-6-W
Rio Arriba County, NM / API #30-039-25135

Today's Date: 8/25/15

Spud: 11/05/91
DK Comp: 10/28/92
DK P&A: 8/17/94
MV Comp: 8/30/94
PC Comp: 8/30/94
Elevation: 6258' GI

Nacimiento @ 1495' *est

Ojo Alamo @ 2310'

Kirtland @ 2414'

Fruitland @ 2894'

Pictured Cliffs @ 3154'

Chacra @ 4218' *est

Mesaverde @ 5235'

Mancos @ 5845'

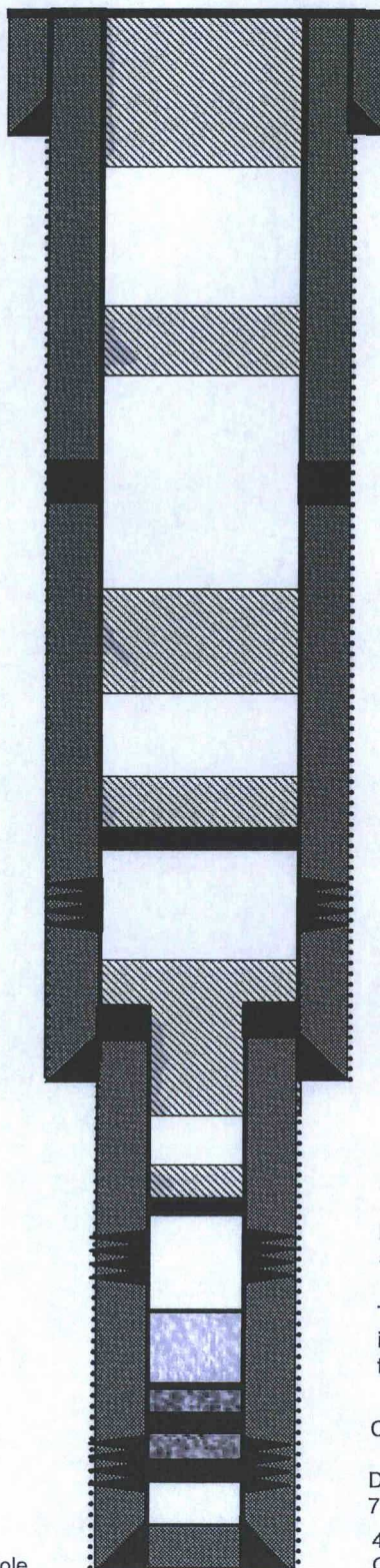
Gallup @ 6800'

Dakota @ 7786'

12-1/4" Hole

8-3/4" Hole

6.25" Hole



7" TOC circulated to surface

9-5/8", 36#, K-55 Casing set @ 440'
285 sxs cement, circulated to surface,

Plug #6: 490' – 0'
Class B cement, 100 sxs

Plug #5: 1545' – 1445'
Class B cement, 29 sxs

DV Tool @ 1815'
Cement with 845 cf, circulated

Plug #4: 2464' – 2260'
Class B cement, 48 sxs

Set CR @ 3106'

Plug #3: 3106' – 2844'
Class B cement, 59 sxs

Pictured Cliffs Perforations:
3156' – 3218'

4.5" TOC @ 3846' (Liner Top)

Plug #2: 4235' – 3796'
Class B cement, 53 sxs

7" 23#, K-55 Casing @ 4185'
Cemented with 575 cf
Circulated to surface

Set CR @ 5254'

Plug #1: 5254' – 5185'
Class B cement, 12 sxs

Mesaverde Perforations:
5304' – 5686'

Tubing stuck; jet cut tubing and had to fish it out
in pieces. Recovered tubing, pkr remnants and
frac sand to 5786'. Unable to get deeper ('08).

CR at 7721' (squeeze with 75 sxs '94)

Dakota Perforations:
7788' – 7839'

4.5" 11.6, N-80 liner @ 8000'
Cemented with 670 sxs (790 cf)

TD 8028'
PBSD 5786'

Rosa Unit #100E

Current

Blanco Mesaverde / Rosa Pictured Cliffs
1570' FSL & 870' FEL, Section 21, T-31-N, R-6-W
Rio Arriba County, NM / API #30-039-25135

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Spud: 11/05/91
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Nacimiento @ 1495' *est

Ojo Alamo @ 2310'

Kirtland @ 2414'

Fruitland @ 2894'

Pictured Cliffs @ 3154'

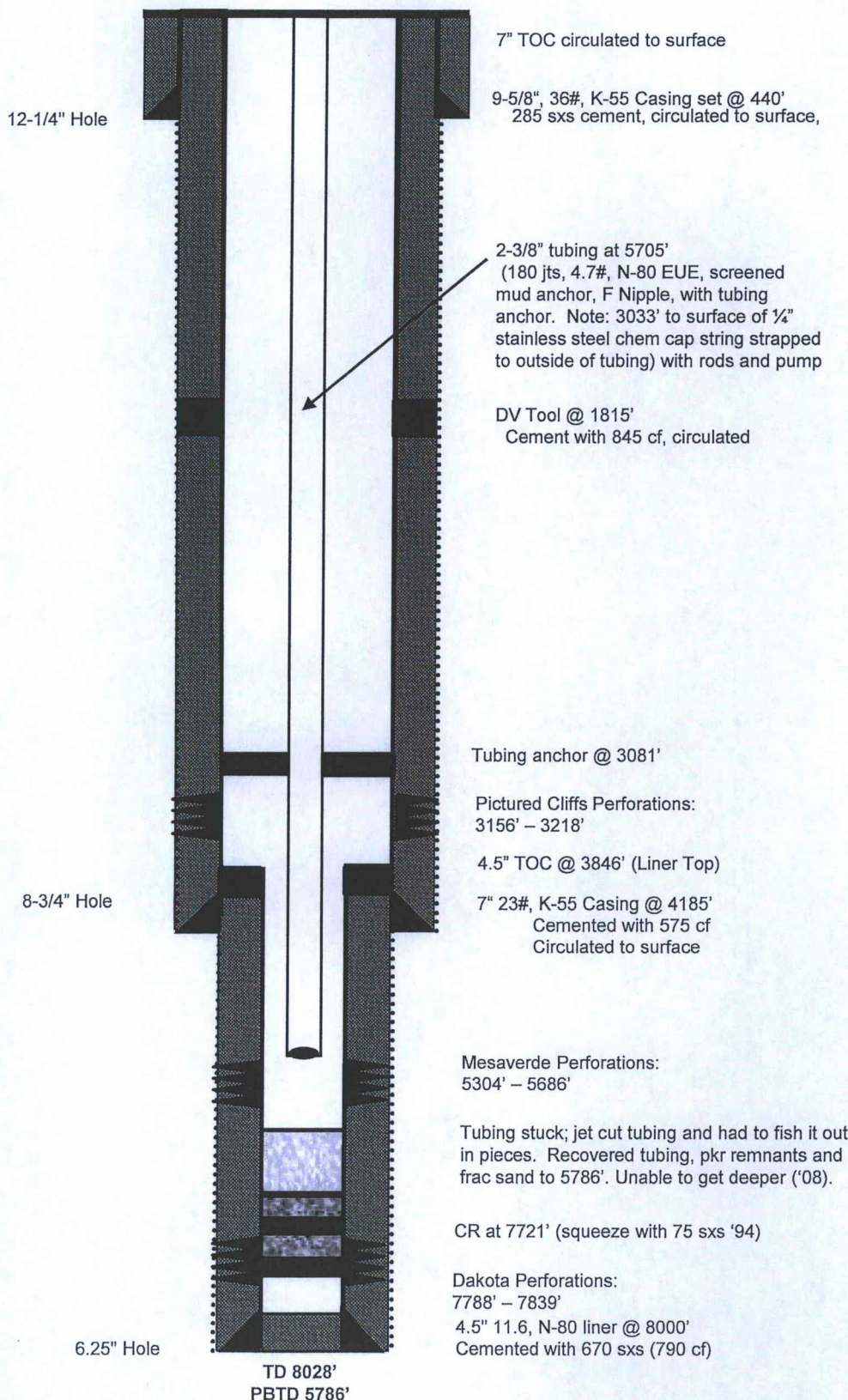
Chacra @ 4218' *est

Mesaverde @ 5235'

Mancos @ 5845'

Gallup @ 6800'

Dakota @ 7786'



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 #100E

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 #3 to **2822 ft.** to cover the Fruitland top. **BLM picks top of Fruitland at 2872 ft.** Adjust cement volume accordingly.
 - b) Set plug #5 **(1074-974) ft.** to cover the Nacimiento top. **BLM picks top of Nacimiento at 1024 ft.**

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.