

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 24 2013

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.  
NMSF-078767

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 #108

9. API Well No.  
30-039-23506

10. Field and Pool or Exploratory Area  
Dakota/Gallup

11. Country 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)  
505-333-1806

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1850' FNL & 1720' FEL, SW/4 NE/4, sec 7, T31N, R5W

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


TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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.)

RCVD JUL 26 '13  
OIL CONS. DIV.  
DIST. 3

**5/23/13 – MIRU AWS #481.**

**5/27 thru 6/18/13 – Attempting to TOOH with tubing and packer. Fishing for tubing, packer and tools lost down hole. Unable to recover 1900' of wireline, Kinsley Cutter, Baker Model R-3 packer, and 2-3/8" tubing from 4060' to 7903'.**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Ben Mitchell	Title Regulatory Specialist
Signature 	Date 7/22/2013

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

Approved by	Title	Date
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	

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)

NMOC  
AV

ACCEPTED FOR RECORD

JUL 25 2013

HARRINGTON FIELD OFFICE

**6/25/13** – Start P&A procedure. Isolate casing leak 1489' to 3047' (1558' of bad casing).

**6/27/13** – TIH w/ 4.5" cmt retainer and set at 4002'. Unable to get inj rate below cmt retainer into Gallop & Dakota formations, D. Halliburton w/ BLM notified his supervisor & also Brandon w/ state, gave verbal approval to spot 20 sack plug n top of retainer & continue w/ plugging operations. **Plug #1:** Spot 20 sxs Class G cmt on top of retainer @ 4002' to 3745' (257'), pump 5 bbls water spacer, mix & pump 4 bbls class G cmt 15.8 ppg ( 1.15 yield, 4.99 gals wtr / sx ), displace w/ 13.5 bbls water & SD, POOH w/ setting tool ; RIH w/ 4.5" cmt retainer & 2.375" tbg ; **Plug #2:** Set cmt retainer @ 3170' & release setting tool & pull out of retainer, spot balanced plug inside 4.5" csg f/ 3170' to 2250', pump 10 bbls wtr spacer, 14.3 bbls cmt @ 15.8 ppg (1.15 yield ) @ 2 bpm 40 psi, displace w/ 7.5 bbls wtr.

**6/28/13** - Tag cmt top @ 2950' **Plug #3:** Spot balanced plug inside 4.5" csg f/ 2950" to 2230 (720')', pump 10 bbls wtr spacer, 11.2 bbls cmt @ 15.8 ppg (55 sxs class G neat cmt, 1.15 yield ) @ 2 bpm 30 psi, displace w/ 7.5 bbls wtr.

**7/1/13** – Tag cmt top @ 2761'. **Plug #4:** Spot 50 sack class G neat cmt inside 4.5" csg 2761' to 2100' (661'), pump 10 bbl water spacer, 10.2 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 7 bbls water & SD. Tag cmt top @ 2660'. **Plug #5:** Spot 45 sack class G neat cmt inside 4.5" csg 2660' to 2100' (560'), pump 10 bbl water spacer, 9.2 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 7 bbls water & SD.

**7/2/13** - Tag cmt top @ 2551'. **Plug #6:** Spot 42 sack plug class G neat w/ 1% Cacl<sub>2</sub> inside 4.5" csg 2551' to 2000' (551'), pump 5 bbl water spacer, 8.5 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 6.75 bbls water & SD. Tag cmt top @ 2445'. **Plug #7:** Spot 34 sack plug class G neat w/ 1% Cacl<sub>2</sub> inside 4.5" csg 2445' to 2000' (445'), pump 5 bbl water spacer, 6.9 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 6.5 bbls water & SD.

**7/3/13** - Tag cmt top 8' in jt #71 @ 2210', tag witnessed by K. Nicks w/ BLM. Run CBL from tag to surface.

**7/9/13** – **Plug #8:** MU 4.5" cmt retainer & RIH, set retainer @ 1266'. Spot 15 sack plug class G neat inside 4.5" csg 1266" to 1073' (193'), pump 5 bbl water spacer, 3 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 3 bbls water & SD. **Plug #9:** RIH w/ 3 1/8" slick gun, perforate 4 holes @ 479' .42 diameter, 25 gram chg, 48" penetration. pump 100 sxs class G cmt w/ 1% Cacl<sub>2</sub>, 15.8 ppg, 1.15 yield, displace w/ 4 bbls water 2 bpm @ 900#, SD, ISIP = 560#, hesitate 20 minutes, pressure 185#, pump .3 bbls & pressure to 500#, SD for 20 min, pressure 235#/ pump .2 bbls & pressure to 520# & SD 20 minutes, pressure 220#, pump .1 bbls & pressure to 500#, SD, pressure dropped to 300#, squeezed 98 sxs outside 4.5" csg, 14 sxs inside csg.

**7/10/13** – Tag cmt top @ 215'. **Plug #10:** TIH to 100' & perf 4 holes, .29 dia, 7 gram chg, 26" penetration, POOH ; Pump down 4.5" csg & out perfs @ 100', returns out braiden head, pump 15 bbls water 1.2 bpm @ 525 psi, pump 17 bbls class G neat cmt @ 15.8 ppg (82 sxs, 1.15 yield, 4.99 gallons mix water /sx ) 1.2 bpm 460 psi, returned 1 good bbl cmt to surface, SD. Cut off 13 3/8" csg & 4.5" csg, remove tbg head & B-section, cement at surface. Cut off 13.375" csg & 4.5" csg, weld on P&A marker.

Spud Date 09-08-84  
Completed 11-12-84  
P&A 7-10-2013

## ROSA UNIT #108 GALLUP/BASIN DK

Elevation: 6275' GR

Location: 1850' FNL, 1720' FEL  
SW/4 NE/4 Section 7G, T31N, R5W  
Rio Arriba Co., NM

API # 30-039-23506

### Formation's Top Depth

Pictured Cliffs	3114'
Lewis	3488'
Cliff House	5257'
Menefee	5416'
Point Lookout	5550'
Gallup	6240'
Dakota	7826'

2-3/8", 4.7#/ft tubing with sliding sleeve @ 7635', F-nipple @ 7870'. Landed @ 7903'. (Outside cut TOF @ 4060')

Wireline stuck at 5990' and cut with Kinsley cutter at 4030' (Retrieved 61' only, 1900' left in hole - TOF @ ~4090').

Gallup 6886'-7252' (52, 0.38" holes)  
106,000 gal 50# gel with 2 ppg 20/40 sand.

Baker R-3 packer @ 7671'

Dakota 7828' - 7974' (184, 0.38" holes)  
125,000 gal 50# gel and 270,000# 20/40 sand.

TD @ 8188'  
PBSD @ 8010'

**Plug #10:** Perf 4 - .29 dia, 7 gram chg, 26" penetration holes @ 100', Pump 17 bbls class G neat cmt @ 15.8 ppg (82 sxs, 1.15 yield, 4.99 gallons mix water /sx) returned 1 good bbl cmt to surface.

**Plug #9:** Perf 4 - .42 diameter, 25 gram chg, 48" penetration holes @ 479'. pump 100 sxs class G cmt w/ 1% CaCl<sub>2</sub>, 15.8 ppg, 1.15 yield, displace w/ 4 bbls water. Squeezed 98 sxs outside 4.5" csg, 14 sxs inside csg. Tag TOC @ 215'.

**Plug #8:** Set 4.5" cmt retainer @ 1266'. Spot 15 sack plug class G neat inside 4.5" csg 1266" to 1073' (193'), pump 5 bbl water spacer, 3 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 3 bbls water.

**Plug #7:** Spot 34 sack plug class G neat w/ 1% CaCl<sub>2</sub> inside 4.5" csg 2445' to 2210' (TOC Tagged), pump 5 bbl water spacer, 6.9 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 6.5 bbls water

**Plug #6:** Spot 42 sack plug class G neat w/ 1% CaCl<sub>2</sub> inside 4.5" csg 2551' to 2445' (TOC Tagged), pump 5 bbl water spacer, 8.5 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 6.75 bbls water

**Plug #5:** Spot 45 sack class G neat cmt inside 4.5" csg 2660' to 2551' (TOC Tagged), pump 10 bbl water spacer, 9.2 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 7 bbls water

**Plug #4:** Spot 50 sack class G neat cmt inside 4.5" csg 2761' to 2660' (TOC Tagged), pump 10 bbl water spacer, 10.2 bbls cmt @ 15.8 ppg (1.15 yield, 4.99 gals wtr / sack), displace w/ 7 bbls wtr.

**Plug #3:** Spot balanced plug inside 4.5" csg f/ 2950" to 2761' (TOC Tagged), pump 10 bbls wtr spacer, 11.2 bbls cmt @ 15.8 ppg (55 sxs class G neat cmt, 1.15 yield ) @ 2 bpm 30 psi, displace w/ 7.5 bbls wtr.

**Plug #2:** Set cmt retainer @ 3170. Spot balanced plug inside 4.5" csg f/ 3170' to 2950' (TOC Tagged), pump 10 bbls wtr spacer, 14.3 bbls cmt @ 15.8 ppg (1.15 yield ) @ 2 bpm 40 psi, displace w/ 7.5 bbls wtr.

**Plug #1:** 20 sxs Class G cmt on top of retainer @ 4002' to 3745' (257'), pump 5 bbls water spacer, mix & pump 4 bbls class G cmt 15.8 ppg (1.15 yield, 4.99 gals wtr / sx ), displace w/ 13.5 bbls water

196 jts of 4-1/2", 11.6# N-80 LT&C csg.  
Set @ 8188'

HOLE SIZE	CASING	CEMENT	CMT TOP
17-1/2"	13-3/8"	438 c.f.	Surface
7-7/8"	4-1/2"	4301 c.f.	5950'