

RECEIVED

Form 3160-5  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 04 2012

FORM APPROVED  
OMB No 1004-0137  
Expires March 31, 2007

Farmington Field Office

SUNDRY NOTICES AND REPORTS ON WELLS of Land Management

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)

505-333-1806

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

~~2190~~ FSL & ~~793~~ FEL. sec 17, T31N, R6W

2190 793 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 /Squeeze PC_____
	<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 recomplete 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 recompletion 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 is aware of the failure of the packer leakage test on the Rosa 138. At this time WPX would like to remove the packer, squeeze the PC formation, test casing integrity, and return well to production as a MV only well as per attached procedure. No work will take place until approval on this has been received.

RCUD OCT 23 '12

Notify NMOCD 24 hours prior to beginning operations

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Ben Mitchell	Title Regulatory Specialist
Signature <i>B Mitchell</i>	Date 10/4/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by  Original Signed: Stephen Mason	Title	Date OCT 19 2012
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)

NMOCD  
ca



## PACKER REMOVAL & PICTURED CLIFFS SQUEEZE

ROSA UNIT #138 MV/PC DUAL

API No. 30-045-29147

T31N, R6W, SECT. 17

ELEVATION: 6399' GR

### WELLBORE STATUS:

PC: 106 JTS. 1-1/2", J-55, 2.90#, EUE TBG LANDED @ 3328'

MV: 185 JTS 1.90", J-55, 2.9# TBG LANDED @ 5940' 4-1/2" ARROWDRILL PACKER @ 4000'

TOP TUBING JTS, 2-1/16, 3.25#, IJ

PRODUCTION LINER:, 4-1/2", 10.5#, K-55 SET @ 3579'-6075'

**OBJECTIVE: Remove packer, squeeze PC and produce as MV, test casing integrity.**

1. POOH and lay down Pictured Cliffs tubing.
2. POOH w/ Mesa Verde tubing, release Arrowdrill packer @ 4000'.
3. RIH with 2-3/8" work string, Set 7" Retrieval 3431', dump 10' sand on top of plug.
4. TIH w/ 2-3/8" work string and set 7" CR. Set CR @ 3140'
5. Sting into CR and Establish Injection rate with water at 1 barrel per minute to determine if PC will squeeze. Record squeeze pressure. Target squeeze pressure @ 1000 psi.
6. If injection rate can be established, squeeze PC perms w/ 200 sx of Class A cement.
7. Sting out of CR and reverse circulate with water to clean up tubing and WOC.
8. Retrieve or drill out CR @ 3140'
9. Drill out cement to 10' above plug (top of sand).
10. Clean out to top of plug @ 3431'.
11. Retrieve 7" bridge plug @ 3431'
12. RIH with 4-1/2" bridge plug and set @ 4336'
13. TOOH and stand back 2-3/8" work string. Load well bore with water.
14. Schedule Antelope to pressure test casing to 600 psi for 30 min. Record on Barton chart. **Provide NMOCD with 24 hours notice prior to pressure test.**
15. RIH with work-string and retrieve 4-1/2" bridge plug @ 4336'. Clean out to PBTD.
16. Complete with single string 2-3/8" production tubing, landed @ ~5940'.
17. Install plunger lift system.
18. Remove one set of wellhead facilities.
19. Return to production as MV well.

**PRIOR TO PRIMARY JOB**

- 1) Test rig anchors.
- 2) Verify location is OK for rig operations.
- 3) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.
- 4) Acquire ~6200' of 2-3/8", 8rd, EUE, 4.7 #/ft tubing.
- 5) Acquire 4-1/2" retrievable bridge plug, 7" CR and 7" retrievable bridge plug.
- 6) Acquire 200 sx of Class 'A' cement
- 7) 6-1/4" tri-cone bit.
- 8) Acquire wellhead and convert from dual tubing string to a single, 2-3/8" tubing string.
- 9) Acquire Seat Nipple.
- 10) **KCI** on location to treat kill water as needed.

**SAFETY NOTICE**

PERSONNEL SAFETY IS THE NUMBER ONE JOB.  
NO EXCEPTIONS!!!

**PLEASE FOLLOW APPROPRIATE WPX ENERGY CONTRACTOR  
PROTOCOLS FOR THIS JOB PLAN**

Please see your WPX Energy Business Representative if you have any questions, Contractor protocols can be located in the WPX Energy Contractor Guide

**PRIMARY JOB**

**Note:** Safety meetings 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, perforating, etc.) Please ensure these are documented per section 2.2.7 of the WPX Energy Contractor Guide

**Note:** Only use pipe dope on the pins. Do not dope the couplings.

**Note:** This well should be dead and the BOP's shall be closed and locked at the end of daily operations.

1. MI and spot equipment to include fluid pumps and tanks.
2. MIRU.
3. ND/NU killing well with KCL water as necessary.
4. Test the BOP's to 2500 psig minimum. If they fail, then rebuild and retest. If they cannot pass tests **DO NOT PROCEED** and notify Production Engineer.
5. POOH w/ PC tubing and inspect with tuboscope.
6. Pick up on long string (MV) to determine if the long string will pull.
7. POOH with long string one or two joints to confirm ability to move.

- 7.1. Clean out and wash to top of Arrowdrill packer at 4000' using heavy air mist. Wash as necessary until returns clean up to approximately ¼ cup of sand in 5 gallons of water returns.
8. Spear or screw in and POOH with long string (MV) using straight pull to pull out of Model B packer seal assembly.
9. POOH and lay down 1.9", 2.9 # J-55 tubing and seal assembly.
10. RIH w/ 2-3/8" work string and set 7" retrievable bridge plug @ 3431' Dump 10' sand on top of bridge plug.
11. TOOH with work string, pick up 7" CR and RIH and set CR @ 3140'
12. Sting into CR. Establish Injection rate with produced water at 1 barrel per minute to determine if PC will squeeze. Record squeeze pressure. Target squeeze pressure @ 1000 psi.
13. If injection rate can be established, squeeze PC perms w/ 200 sx of Class B cement.
14. Sting out of CR, reverse circulate water to clean up tubing. WOC.
15. Retrieve or drill out CR @ 3140'.
16. Drill out cement to **top of sand** on RTBP @ 3130'.
17. Clean out sand on top RTBP and retrieve bridge plug @ 3340'. Stand back 2-3/8" tbg.
18. RIH with 4-1/2" RTBP and set @ 4336'. Load wellbore with water.
19. Schedule Antelope to pressure test casing to 600 psi for 30 min. Record on Barton chart.  
**Provide NMOCD with 24 hours notice prior to pressure test.**
20. Land 2-3/8" production tubing @ 5940' **As Follows:** mule shoe, 1 jt 2-3/8", seat nipple, 2-3/8" tbg to surface. Test tubing to 500 psi. Report leaks and replace as necessary.
21. Install plunger lift system.
22. Ensure tubing is not plugged prior to releasing the rig.
23. N/D BOP's and N/U wellhead.
24. Remove one set of surface facilities.
25. Return well to production.
26. R/D, move off location.

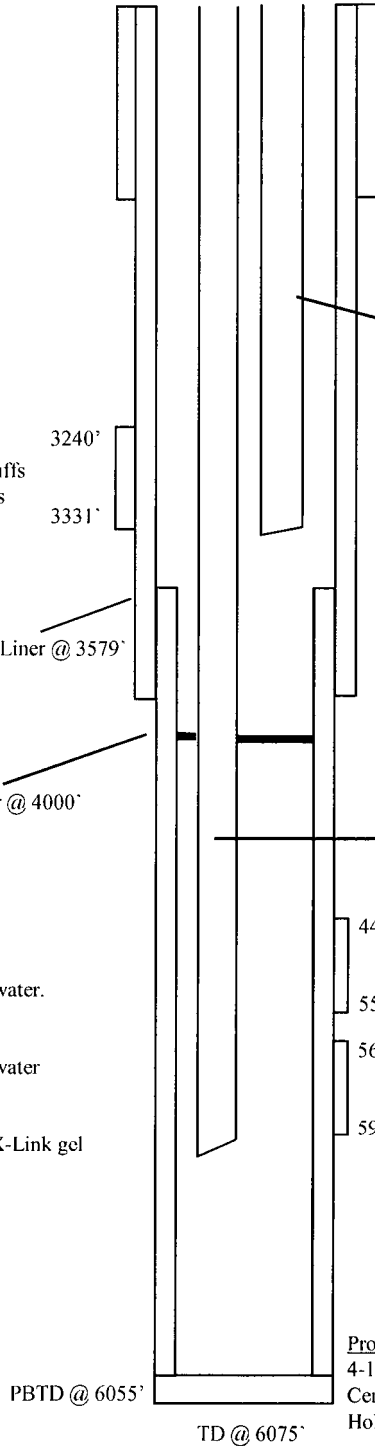
# ROSA UNIT #138 BLANCO PC/MV

Spudded 08-07-1994  
 Completed MV 10-15-1994  
 ID'd MV 11-19-1994  
 Completed PC 10-15-1994  
 ID'd PC 11-21-1994

**Location:** 2218' FSL, 580' FEL  
 NE/4 SE/4 Section 17, T31N, R6W  
 SAN JUAN Co., NM

**Elevation:** 6399' GR  
 KB = 12'

Tops	Depth
Ojo Alamo	2387'
Kirtland	2508'
Fruitland	3050'
Pictured Cliffs	3239'
Lewis	3550'
Cliff House	5372'
Menefee	5473'
Point Lookout	5718'
Mancos	5982'



**Surface Casing**  
 9-5/8", 36#, K-55, Landed @ 521'  
 Cemented with 300 sx cmt (357 cf) TOC @ surface.  
 Hole Size 12-1/4"

**Pictured Cliffs Tubing** Ran 106 jts As follows.  
 One 1 1/2", 2.90#, J-55, EUE 1/2 M/S, one 1 1/2",  
 2.90#, J-55, EUE jt tbg, one 1 3/5" ID, 2.90#, J-55,  
 EUE S/N, 105 jts 2.90#, J-55, EUE tbg, S/N set @  
 3297' Tubing landed @ 3328' KB

**Intermediate Casing**  
 7", 20#, K-55 Landed @ 3675'  
 Cemented with 600 sx cmt (1149 cf) TOC @ surface  
 Hole Size: 8-3/4"

**Mesaverde Tubing** Ran 187 jts as follows. One  
 1.90", 2.90#, J-55, EUE 1/2 m/s, one 1.90",  
 2.90#, J-55, EUE jt of tbg, one 1.375" ID, S/N,  
 60 jts 1.90" 2.90#, J-55, EUE tbg, one 3 unit seal  
 assembly, 125 jts 1.90", 2.90#, J-55, EUE tbg,  
 one 3" x 2 1/16", 3 25#, IJ pup jt & one jt 2 1/16"  
 3 25#, IJ tbg. Land 3 unit seal assembly @ 4004'  
 KB w/ 1/2 m/s @ 5940' and SN @ 5909'.  
 Tubing landed @ 5940'.

Mesaverde  
 Perforations

**Production Liner**  
 4-1/2", 10 5#, K-55 Landed from 3579' - 6075'  
 Cemented with 240 sx cmt (415 cf). TOC @ LINER TOP  
 Hole Size: 6-1/4"

Arrowdrill Production Packer @ 4000'

**STIMULATION**

Mesaverde 5713' - 5945'  
 65,000# of 20/40 sand in 68,124 gals of slick water.

Mesaverde 5443' - 5682'  
 42,400# of 20/40 sand in 48,930 gals of slick water

Pictured Cliffs 3240' - 3331'  
 113,200# of 20/40 sand in 17,976 gals of 30# X-Link gel  
 in a 70 qual foam