Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV DIST. 3
DEC 12 2017

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

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	5. Lease Serial No. **NM 03189**
	6. If Indian, Allottee or Tribe Name
	7. If Unit of CA/Agreement, Name and/or No.
	8. Well Name and No. **Cox Canyon 8**
2. Name of Operator **WPX Energy Production, LLC**	9. API Well No. **30-045-11492**
3a. Address **PO Box 640 Aztec, NM 87410** / 3b. Phone No. *(include area code)* **505-333-1808**	10. Field and Pool or Exploratory Area **Blanco Mesaverde**
4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* **SHL: 1389 FSL & 1309' FEL Sec 08 T32N R11W Unit: I**	11. Country or Parish, State **San Juan, NM**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒Notice of Intent	☐Acidize	☐Deepen	☐Production (Start/Resume)	☐Water ShutOff
☐Subsequent Report	☐Alter Casing	☐Hydraulic Fracturing	☐Reclamation	☐Well Integrity
☐Final Abandonment Notice	☐Casing Repair	☐New Construction	☐Recomplete	☒Other **Wellhead repair**
bf	☐Change Plans	☐Plug and Abandon	☐Temporarily Abandon	
	☐Convert to Injection	☐Plug Back	☐Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed worybk 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 perfonned 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 detennined that the site is ready for final inspection.)

WPX Energy request to repair the wellhead for a possible leak per attached procedure and current wellbore diagram due to a Failed Bradenhead Test (BH).

Reference: RBDMS MPK1728353Y78.

RECEIVED
NOV 21 2017
Farmington Field Office
Bureau of Land Management

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* Marie E. Florez	Title: Permit Tech
Signature Marie E. Florez	Date: **11/21/17**

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by	Title PE	Date 11/29/17
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

5

WPXENERGY SM

BRADENHEAD REPAIR

COX CANYON #8

API # 30-045-11492

SAN JUAN, NEW MEXICO

NOVEMBER, 2017

WELLBORE STATUS:

MESAVERDE COMPLETION

VERTICAL

PBTD ±5745'MD/TVD,

2-3/8" 4.7# J-55 TUBING OPEN ENDED LANDED @ 5719' MD/TVD

5" 11.5# J-55 LTC LONG STRING CASING TO 5745' MD/TVD

*****Ensure fuel used during job & estimate of vented gas is reported in daily reports*****
*****Continuous personal H2S monitoring is required. Any H2S alarms or other indications above 10 ppm will require work to stop and the situation to be evaluated*****

OBJECTIVE: **Test/Repair Possible Wellhead Leak**

PRIOR TO PRIMARY JOB:

"NOTIFY NMOCD / BLM 24 HRS PRIOR TO BEGINNING OPERATIONS".

1) Verify location is okay for workover operations.
2) Catch plunger in lubricator. Walk slickline vendor through meter usage to capture pressure data during survey.

SAFETY NOTICE

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

PLEASE FOLLOW APPROPRIATE WPX CONTRACTOR PROTOCOLS FOR THIS JOB PLAN

Please see your WPX Representative if you have any questions; Contrator protocols can be located in the WPX Contractor Guide.

PROCEDURE:

Note: A safety meeting 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, etc.) Please ensure these are documented per the WPX Contractor Guide

3) MIRU workover rig. Kill well with biocide-laden produced water. Pull 2 joints of tubing. Install compression/storm packer (70 durometer maximum center element for cool temperature/shallow application. If packer has a 3-element system, get recommendation from tool company for packing element durometers, e.g. 80-70-80) to be energized with tailpipe weight. Install string float in top of packer. TIH with packer and set 2 joints below wellhead. Back off above string float. TOH.

4) Conduct wellhead test similar to the MIT procedure below:
   - Load hole as needed to perform MIT-hole should be full. Conduct 500-550 psi MIT for at least 30 minutes, recording pressure with a chart recorder per regulatory requirements shown below in **NMOCD Rule 19.15.25.14** shown below. Test pressure cannot decrease more than 10% over the 30-minute test interval no can the pressure decrease in the last 10 minutes of the test. Turn chart into NMOCD as required

19.15.25.14 DEMONSTRATING MECHANICAL INTEGRITY:

A. An operator may use the following methods of demonstrating internal casing integrity for wells to be placed in approved temporary abandonment:

(1) the operator may set a cast iron bridge plug within 100 feet of uppermost perforations or production casing shoe, load the casing with inert fluid and pressure test to 500 psi surface pressure with a pressure drop of not more than 10 percent over a 30 minute period;

(2) the operator may run a retrievable bridge plug or packer to within 100 feet of uppermost perforations or production casing shoe, and test the well to 500 psi surface pressure for 30 minutes with a pressure drop of not greater than 10 percent over a 30 minute period; or

(3) the operator may demonstrate that the well has been completed for less than five years and has not been connected to a pipeline.

B. During the testing described in Paragraphs (1) and (2) of Subsection A of 19.15.25.14 NMAC the operator shall:

(1) open all casing valves during the internal pressure tests and report a flow or pressure change occurring immediately before, during or immediately after the 30 minute pressure test;

(2) top off the casing with inert fluid prior to leaving the location;

(3) report flow during the test in Paragraph (2) of Subsection A of 19.15.25.14 NMAC to the appropriate division district office prior to completion of the temporary abandonment operations; the division may require remediation of the flow prior to approving the well's temporary abandonment.

C. An operator may use any method approved by the EPA in 40 C.F.R. section 146.8(c) to demonstrate external casing and cement integrity for wells to be placed in approved temporary abandonment.

D. The division shall not accept mechanical integrity tests or logs conducted more than 12 months prior to submittal.

E. The operator shall record mechanical integrity tests on a chart recorder with a maximum two hour clock and maximum 1000 pound spring, which has been calibrated within the six months prior to conducting the test. Witnesses to the test shall sign the chart. The operator shall submit the chart with form C-103 requesting approved temporary abandonment.

F. The division may approve other testing methods the operator proposes if the operator demonstrates that the test satisfies the requirements of Subsection B of 19.15.25.13 NMAC.
[19.15.25.14 NMAC - Rp, 19.15.4.203 NMAC, 12/1/08]

- Ensure all JSA's, ECP's and Lockout procedures are in place for energized piping or equipment.

Notify to schedule with NMOCD prior to conducting the MIT after the wellhead repair.

5) Repair wellhead as required. Re-test per above procedure. Call Engineering if re-test is unsuccessful. Otherwise, TIH with two joints of tubing, screw into string float. Release packer. TOH with packer and string float. LD same. TIH with tubing and land @ 5719'. RDMO WOR.

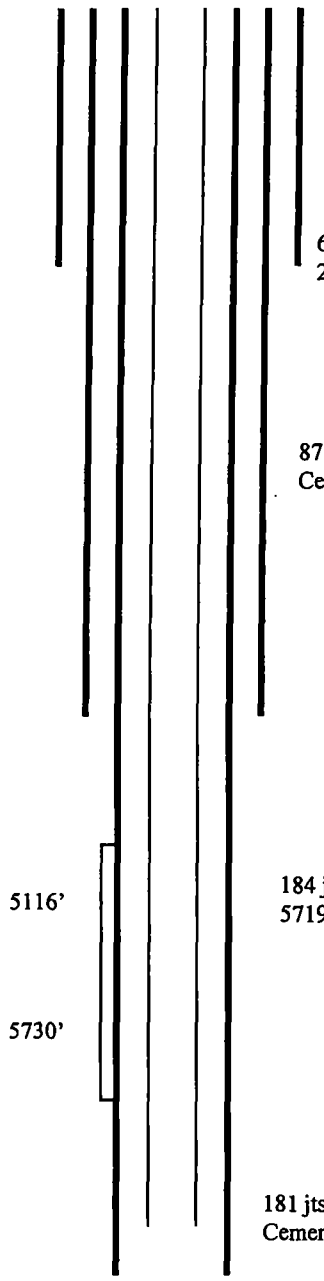
6) Swab well if needed. TWTP

COX CANYON UNIT #8
BLANCO MESAVERDE

Location:
1389' FSL and 1309' FEL
NE/4 SE/4 Sec 8(I), T32N, R11W
San Juan, New Mexico
Elevation: 6597' GR
API # 30-045-11492

Spud Date: 03/10/56
Completed Date: 04/01/56
1st Delivery Date: 10/26/56

Top	Depth
Ojo Alamo	2037'
Kirtland	2182'
Fruitland	2775'
Pictured Cliffs	3245'
Lewis	3433'
Cliff House	5114'
Menefee	5214'
Point Lookout	5537'



6 jts 9-5/8", 32.3#, H-40 8rd csg. Landed @ 205.17' Cemented with 115 sx cmt

87 jts 7", 20#, J-S 8rd csg. Landed @ 3450'. Cemented with 180 sx cmt

5116'

184 jts 2-3/8", 4.7#, J-55, 8rd tbg Landed @ 5719.04'.

5730'

181 jts 5", 11.5#, J-S 8rd csg. Landed @ 5745'. Cemented with 220 sx cmt

PBTD @ 5740'
TD @ 5745'

Stimulation: 03/31/56

Perf'd w/ 2 shots/ft. 5730-26; 5720-16; 5708-04; 5701-5697; 5608-5592; 5586-80; 5576-62; 5560-56; 5552-42; 5496-84; 5472-64; 5454-46; 5394-90; 5386-82; 5320-15; 5311-07; 5274-68; 5234-26; 5200-5184; 5180-76; 5173-69; 5165-52; 5144-34; 5124-16

Frac I (LPL) 5626-5730, 52,500 gal water

Frac II (UPL) 5556-5608, 52,500 gal water

Frac III (Men) 5226-5496, 52,500 gal water

Frac IV (CH) 5116-5200, 56,700 gal water

Hole Size	Casing	Cement	Top of Cmt
12-1/4"	9-5/8", 32.3#	125 sx	Surface
8-3/4"	7", 20#	200 sx	Surface
6-1/4"	5", 11.5#	200 sx	??

TR 08/16/02