

FEB 15 2018

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Farmington Field Office  
Bureau of Land Management

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.*

5. Lease Serial No.  
N0G14011867  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. NMNM 135216A
2. Name of Operator WPX Energy Production, LLC		8. Well Name and No. W Lybrook Unit 746H
3a. Address PO Box 640    Aztec, NM 87410	3b. Phone No. (include area code) 505-333-1816	9. API Well No. 30-045-35751
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1311' FSL & 2284' FEL, Sec 7, T23N, R8W BHL: 333' FSL & 2027' FEL, Sec 17, T23N, R8W		10. Field and Pool or Exploratory Area Lybrook Mancos W
		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			
<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"/> Hydraulic Fracturing	<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 <u>Flare</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Extension</u>
	<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. Permit/ 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 with the permit/ Subsequent Report. 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.)

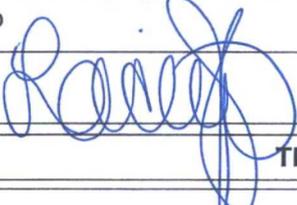
OIL CONS DIV DIST 3

FEB 20 2018

WPX Energy request to Flare for an additional 30 days beginning on **2/19/2018**, due to high nitrogen results from the Frac Activity on the **WLU 705 Pad**, (705H, 745H, 746H).

The following well has exceeded the nitrogen capacity for the Williams Field Service end of sales pipeline standards, per the attached Gas Analysis

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 2/15/18

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title PE	Date 2/20/18
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 PFO	

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.

## Diablo Analytical BTU Report GPA 2145-03 Analysis

### Sample Information

Sample Information	
Sample Name	WLU 746
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-02-08 11:50:52
Report Date	2018-02-08 11:54:58
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-02-08 11-50-31 (GMT -07-00)WLU 746.dat
EZReporter Data File	WLU 746-20180208-115458.ezrx
Data Source	Agilent EZChrom Connector

### Component Results

Component Name	Ret. Time	Peak Area	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.320	12998895.0	18.87706	0.0	0.18258	2.083
Methane	0.327	27250519.0	57.47490	581.8	0.31835	9.775
Carbon Dioxide	0.380	243866.0	0.35799	0.0	0.00544	0.061
Ethane	0.421	6148991.0	8.55952	151.8	0.08886	2.296
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.524	18360904.0	9.36895	236.3	0.14264	2.589
i-Butane	0.575	2694809.0	1.18088	38.5	0.02370	0.388
n-Butane	0.607	6599037.0	2.83497	92.7	0.05689	0.897
i-Pentane	0.714	1382481.0	0.53402	21.4	0.01330	0.196
n-Pentane	0.757	1243344.0	0.46150	18.5	0.01150	0.168
Hexanes Plus	0.000	1150119.0	0.35021	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1141.1	0.84327	18.454

### Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	96.51240	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1141.1	1121.2
Gross Heating Value (BTU / Real cu.ft.)	1145.0	1125.6
Relative Density (G), Real	0.8458	0.8423
Compressibility (Z) Factor	0.9966	0.9962
Total GPM	18.454	18.239



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
6251 College Blvd. - Suite A  
Farmington, New Mexico 87402  
[www.blm.gov/nm](http://www.blm.gov/nm)



In Reply refer To:

## Conditions of Approval

- Flaring is authorized pursuant to 43 CFR 3170, Subpart 3179.102.
- 43 CFR 3179.9 (a) The operator must estimate or measure all volumes of gas vented or flared from wells, facilities and equipment on a lease, unit PA, or communitized area and report those volumes under applicable ONRR reporting requirements.
- Flaring will be authorized until March 19, 2018 if additional time is required, please contact this office accordingly.
- Please take appropriate and necessary safety precautions at this well site during the flaring period.