Form 3160-5 (June 2015)

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

Lease Serial No.
N0-G-1403-1908
If Indian, Allottee or Tribe Name

#### 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				7. If Unit of CA/Agreement, Name and/or No. NMNM 135216A
1. Type of Well				
Oil Well	Gas Well	Other		8. Well Name and No. W Lybrook Unit #713H
2. Name of Operator WPX Energy Produc	tion, LLC			9. API Well No. <b>30-045-35808</b>
3a. AddressPO Box 640Az	tec, NM 87410		3b. Phone No. <i>(include area code)</i> 505-333-1816	10. Field and Pool or Exploratory Area Lybrook Mancos W
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SHL: 1215' FSL & 1386' FWL, Sec 8, T23N, R8W				11. Country or Parish, State San Juan, NM

BHL: 1059' FSL & 2379' FEL. Sec 6 T23N. R8W

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		
	Alter Casing	Hydraulic Fracturing	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete	Other		
Final Abandonment Notice	Change Plans Dug and Abandon		Temporarily Abandon	Flared/Gas		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	Sample		

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 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.)

ACCEP"	TED FOR RECORD	
WPX flared this well due to the frac activity on W Lybro		
Flared: 1/18/18-2/1/18	EB 0 9 2018	
Volumes: 16388.68	10	DEAENVED
Gas sample attached. FARMING	GTON FIELD OFFICE	RECEIVED
By:	TA-S	FED 0.7 00/0
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		FEB 0 7 2013
Lacey Granillo	Title Permit Tech III	
Signature		Farmington Field Office eau of Land Management
THE SPACE FOR FEDE	RAL OR STATE OFICE USE	
Approved by		-
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.		
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any any false, fictitious or fraudulent statements or representations as to any matter within		department or agency of the United States



# Diablo Analytical BTU Report GPA 2145-03 Analysis

## Sample Information

	Sample Information
Sample Name	WLU 713
Station Number	62398636
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-01-19 13:43:42
Report Date	2018-01-19 13:47:46
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-01-19 13-43-26 (GMT -07-00)WLU 713.dat
EZReporter Data File	WLU 713-20180119-134746.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	0.321	31881216.0	49.67374	0.0	0.48044	5.473
Methane	0.330	16232379.0	36.73233	371.9	0.20346	6.237
Carbon Dioxide	0.380	179678.0	0.28303	0.0	0.00430	0.048
Ethane	0.425	3150462.0	4.70529	83.5	0.04885	1.260
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.527	9999545.0	5.47446	138.1	0.08335	1.510
i-Butane	0.576	1473457.0	0.69280	22.6	0.01390	0.227
n-Butane	0.609	3518262.0	1.62172	53.0	0.03254	0.512
i-Pentane	0.714	788896.0	0.32694	13.1	0.00814	0.120
n-Pentane	0.757	734497.0	0.29248	11.8	0.00729	0.106
Hexanes Plus	0.000	603663.0	0.19721	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	693.9	0.88228	15.494

### **Results Summary**

Result	Dry	Sat. (Base)	
Total Raw Mole% (Dry)	89.95400		
Pressure Base (psia)	14.730		
Temperature Base	60.0		
Water Mole%	-	1.74067	
Gross Heating Value (BTU / Ideal cu.ft.)	693.9	681.8	
Gross Heating Value (BTU / Real cu.ft.)	695.1	683.2	
Relative Density (G), Real	0.8835	0.8792	
Compressibility (Z) Factor	0.9982	0.9979	
Total GPM	15.494	15.329	*

Diablo Analytical BTU Report