Form 3160-5 UNITED STATES					FORM APPROVED OMB No. 1004-0137		
(June 2015) DEPARTMENT OF THE INTERIOR				the second	Expires: January 31, 2018		
]	BUREAU OF LAND MANAGEMENT			5. Lease Serial No. NO-G-1403-19			
	RY NOTICES AND RE			6. If Indian, Allotte			
	his form for proposal vell. Use Form 3160-3						
SUBM	IT IN TRIPLICATE - Other in	structions on page 2		7. If Unit of CA/As NMNM 1352	greement, Name and/or No.		
1. Type of Well				8. Well Name and I	No		
Oil Well	Gas Well Othe	er		W Lybrook U			
2. Name of Operator WPX Energy Production	, LLC			9. API Well No. 30-045-35740			
3a. Address PO Box 640 Aztec,	NM 87410	3b. Phone No. (inclusion 505-333-1816	ude area code)	10. Field and Pool of Lybrook Mane	or Exploratory Area COS W		
4. Location of Well (<i>Footage, Sec., T.,R.,M., or Survey Description</i>) SHL: 860' FSL & 404' FEL, Sec 12, T23N, R9W BHL: 335' FNL & 706' FWL, Sec 12 T23N, R9W		on)			11. Country or Parish, State San Juan, NM		
12	CHECK THE APPROPRIATE	E BOX(ES) TO INDICA	TE NATURE (OF NOTICE, REPORT OR O	THER DATA		
TYPE OF SUBMISSION			TYPE	OF ACTION			
Notice of Intent	Acidize	Deepen		Production (Start/Resume)	Water ShutOff		
	Alter Casing	Hydraulic Frac	turing	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construct	ction	Recomplete	Other		
Final Abandonment Notice	Change Plans	Plug and Abar	ndon	Temporarily Abandon	Flared/Gas		
	Convert to Injection	Plug Back		Water Disposal	Sample		
	nt Notices must be filed only a		luding reclama	tion, have been completed an	a 3160-4 must be filed once testing has been d the operator has detennined that the site		
WPX flared this w	ell due to the frac activ				RECEIVED		
Flared: 1/24/18-1	/25/18	FEB 09	2018				
Volumes: 1105.68		/	h	-	FEB 07 2013		
Gas sample attacl	hed.	FARMINGTON	ELDOFF	ICE			
		By:	1		Farmington Field Office		
4. I hereby certify that the foregoi	ing is true and correct. Name (A	Printed/Typed)			Bureau of Land Managemen		
acey Granillo	· AA	Title	e Permit Tech	III			
Signature KQ	REED	Date	e 2/8/18				
	THE SPA	CE FOR FEDERA	L OR STA	TE OFICE USE			
Approved by							
			Title		Date		
Conditions of approval, if any, are ertify that the applicant holds leg which would entitle the applicant to	al or equitable title to those right		Office				
Title 18 U.S.C Section 1001 and T my false, fictitious or fraudulent s	itle 43 U.S.C Section 1212, mal tatements or representations as	te it a crime for any pers to any matter within its	on knowingly jurisdiction.	and willfully to make to any d	epartment or agency of the United States		
		NM(OIL CONS. D	IV DIST. 3		

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FEE 4 2018

Diablo Analytical BTU Report GPA 2145-03 Analysis

Sample Information

	Sample Information	
Sample Name	WLU 708	
Station Number		
Taken By	Alpine Analysis LLC	
Operator	Travis Tapp	
Sample Notes	BAD REPRESENTATION	
Method Name	StandardNatGas.met	
Injection Date	2018-01-24 16:20:55	
Report Date	2018-01-24 16:28:27	
EZReporter Configuration File	default Standard Sample.cfgx	
Source Data File	2018-01-24 16-20-39 (GMT -07-00)WLU 708.dat	
EZReporter Data File	WLU 708-20180124-162827.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	0.322	16877683.0	23.98964	0.0	0.23203	2.672
Methane	0.333	2735229.0	5.64654	57.2	0.03128	0.969
Carbon Dioxide	0.380	164048.0	0.23569	0.0	0.00358	0.041
Ethane	0.418	5728831.0	7.80535	138.5	0.08104	2.114
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.512	57852935.0	28.89362	728.7	0.43991	8.060
i-Butane	0.565	13970573.0	5.99226	195.3	0.12025	1.985
n-Butane	0.591	42260523.0	17.77000	581.1	0.35661	5.672
-Pentane	0.704	10812159.0	4.08760	163.9	0.10183	1.514
n-Pentane	0.747	10165359.0	3.69320	148.4	0.09200	1.355
Hexanes Plus	0.000	6327314.0	1.88610	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	2013.0	1.45851	24.382

Results Summary

Result	Dry	Sat. (Base)	
Total Raw Mole% (Dry)	98.60550		
Pressure Base (psia)	14.730		
Temperature Base	60.0		
Water Mole%	-	1.74067	
Gross Heating Value (BTU / Ideal cu.ft.)	2013.0	1977.9	
Gross Heating Value (BTU / Real cu.ft.)	2038.6	2004.2	
Relative Density (G), Real	1.4765	1.4625	
Compressibility (Z) Factor	0.9874	0.9869	
Total GPM	24.382	24.071	

Diablo Analytical BTU Report