Form 3160-5	UNITED STAT	ES			1	FORM APPROVED	
(June 2015) DEPARTMENT OF THE INTERIOR					OMB No. 1004-0137 Expires: January 31, 2018		
. 1	BUREAU OF LAND MAN				5. Lease Serial No.		
SUND	RY NOTICES AND REPO	ORTS ON V	VELLS		<b>NO-G-1403-19</b> 6. If Indian, Allottee		
	this form for proposals			r an	0. If Indial, Anotec	of The Name	
	vell. Use Form 3160-3 (A						
	IT IN TRIPLICATE - Other instru	uctions on pag	e 2		7. If Unit of CA/Age NMNM 13521	reement, Name and/or No.	
1. Type of Well	Gas Well Other				8. Well Name and N		
2. Name of Operator					9. API Well No.	it #/43H	
WPX Energy Production 3a. Address	, LLC	3b. Phone No.	(include ma	r code)	<b>30-045-35729</b> 10. Field and Pool of	r Exploratory Area	
	NM 87410	505-333-1816		(coae)	Lybrook Mance	os W	
4. Location of Well <i>(Footage, Sec</i> SHL: 1209' FSL & 1346' FWL, BHL: 940'FNL & 335' FEL, Se	Sec 8, T23N, R8W				11. Country or Paris San Juan, NM	h, State	
	CHECK THE APPROPRIATE B	OX(ES) TO INI	DICATE NAT	TURE OF NOTI	CE, REPORT OR OT	HER DATA	
TYPE OF SUBMISSION				TYPE OF ACT	ION		
□Notice of Intent	Acidize	Deepen			luction (Start/Resume)	Water ShutOff	
	Alter Casing	Hydrauli	c Fracturing	ring		Well Integrity	
Subsequent Report	Casing Repair	New Co	onstruction	Reco	omplete	Other	
Final Abandonment Notice	Change Plans	Plug and	d Abandon	Ten	nporarily Abandon	Flared/Gas	
	Convert to Injection	Plug Bac	k	Wate	er Disposal	Sample	
is ready for final inspection.)	ell due to the frac activity /27/18	ACCEP	TED FO ook Unit #7 EB 0 9	R RECO	<b>RD</b> 66н.	the operator has detennined that the sit <b>RECEIVED</b> FEB 0 7 2003 Farmington Field Off Bureau of Land Manage	fice
			1			Dureau or Land manage	
14. I hereby certify that the foregoi Lacey Granillo	ng is true and correct. Name (Prin	nted/Typed)	0				
	·A		Title Permi	it Tech III			
Signature	( )		Date 2/8/18	}			
	THE SPACE	FOR FED	ERAL OR	STATE OF	ICE USE		
Approved by				A			
			Title		140	Date	
Conditions of approval, if any, are certify that the applicant holds legs which would entitle the applicant to	al or equitable title to those rights			;			
Title 18 U.S.C Section 1001 and Ti any false, fictitious or fraudulent s					ally to make to any de	partment or agency of the United States	
			NM	ocp/	OIL CON	s. DIV DIST. 3 4 2018	2

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## Diablo Analytical BTU Report GPA 2145-03 Analysis

## Sample Information

	Sample Information
Sample Name	WLU 743
Station Number	62411418
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-01-24 14:41:03
Report Date	2018-01-24 14:45:00
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-01-24 14-40-26 (GMT -07-00)WLU 743.dat
EZReporter Data File	WLU 743-20180124-144500.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	22872758.0	34.53701	0.0	0.33404	3.809
Methane	0.328	20776378.0	45.56276	461.2	0.25237	7.743
Carbon Dioxide	0.379	204016.0	0.31135	0.0	0.00473	0.053
Ethane	0.421	4842385.0	7.00876	124.3	0.07276	1.879
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.524	15122361.0	8.02329	202.3	0.12215	2.216
i-Butane	0.574	2213992.0	1.00882	32.9	0.02024	0.331
n-Butane	0.606	5340610.0	2.38556	78.0	0.04787	0.754
i-Pentane	0.712	1126056.0	0.45227	18.1	0.01127	0.166
n-Pentane	0.755	1028434.0	0.39689	15.9	0.00989	0.144
Hexanes Plus	0.000	989507.0	0.31329	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	932.9	0.87534	17.094

## **Results Summary**

Result	Dry	Sat. (Base)	
Total Raw Mole% (Dry)	92.82100		
Pressure Base (psia)	14.730		
Temperature Base	60.0		
Water Mole%	-	1.74067	
Gross Heating Value (BTU / Ideal cu.ft.)	932.9	916.6	
Gross Heating Value (BTU / Real cu.ft.)	935.4	919.4	
Relative Density (G), Real	0.8773	0.8732	
Compressibility (Z) Factor	0.9974	0.9970	
Total GPM	17.094	16.902	

Diablo Analytical BTU Report