RECEIVED

Form 3160-5 (June 2015)

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

FORM APPROVED

OMB	No.	100-	4-0	13
Expires:	Jan	uary	31,	20

	5. Lease Serial No.
-	N0G13121809

this form for proposals	to drill or to recenter a	<b>h</b> Land Mai	6. If Indian, Allottee or Tragement	ibe Name
IIT IN TRIPLICATE - Other instru	uctions on page 2		7. If Unit of CA/Agreemen	nt, Name and/or No.
☐Gas Well ☐Other			8. Well Name and No. N ESCAVADA UNIT #3:	28Н
n. LLC			9. API Well No. 30-043-21286	
	3b. Phone No. (include area co 505-333-1816	de)	10. Field and Pool or Expl ESCAVADA N,MANCO	
EC 10 22N 7W			11. Country or Parish, Stat Sandoval, NM	е
2. CHECK THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	E OF NOTIO	CE, REPORT OR OTHER	DATA
	TY	PE OF ACTI	ON	
☐ Acidize	Deepen  Hydraulic Fracturing		•	□ Water ShutOff
☐ Casing Repair	☐ New Construction	_		☐ Well Integrity ☐ Other
Change Plans	☐ Plug and Abandon			<u>Flared/Gas</u> Sample
☐Convert to Injection	☐Plug Back	∐ Wate	r Disposal	Sample
ectionally or recomplete horizontally ork will be performed or provide the perations. If the operation results in ent Notices must be filed only after	y, give subsurface locations and to Bond No. on file with BLM/Bl to a multiple completion or recon	measured and A. Required apletion in a r	true vertical depths of all p subsequent reports must be new interval, a Form 3160- been completed and the o	pertinent markers and zones. Attach efiled within 30 days following 4 must be filed once testing has been
	this form for proposals a vell. Use Form 3160-3 (A  IIT IN TRIPLICATE - Other instruction  Gas Well Gas Well Gother  Other  Othe	this form for proposals to drill or to resenter a vell. Use Form 3160-3 (APD) for such proposal and the proposal states and proposal states are states and proposal states are states and proposal states are states and proposal states are states	Gas Well	this form for proposals to drill or to re-enter an and Management vell. Use Form 3160-3 (APD) for such proposals.    Trintripulcate - Other instructions on page 2

Total flared volumes: 1722 mcf/d

NMOCD

MAR 05 2018

\*Attached is the gas sample.

MAR 08 2018

FARMINGTON FIELD OFFICE

Date

14. I hereby certify that the foregoing is true and correct. Name (Printed Typed) Lacey Granillo

Title Permit Tech III

Title

Office

Signature

Approved by

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

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.

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	N Escavada 328
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-02-28 14:43:50
Report Date	2018-02-28 14:47:56
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-02-28 14-43-40 (GMT -07-00)N Escavada 328.dat
EZReporter Data File	N Escavada 328-20180228-144756.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	6621580.0	9.51425	0.0	0.09202	1.050
Methane	0.327	32588178.0	68.00569	688.4	0.37668	11.567
Carbon Dioxide	0.379	179950.0	0.26132	0.0	0.00397	0.045
Ethane	0.420	7020262.0	9.66895	171.5	0.10038	2.594
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.525	16344524.0	8.25185	208.1	0.12563	2.281
i-Butane	0.576	2222273.0	0.96356	31.4	0.01934	0.316
n-Butane	0.608	5560660.0	2.36365	77.3	0.04743	0.748
i-Pentane	0.714	1104021.0	0.42196	16.9	0.01051	0.155
n-Pentane	0.757	988446.0	0.36301	14.6	0.00904	0.132
Hexanes Plus	0.000	616402.0	0.18576	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1208.3	0.78502	18.888

## **Results Summary**

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	97.54420	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1208.3	1187.2
Gross Heating Value (BTU / Real cu.ft.)	1212.6	1191.9
Relative Density (G), Real	0.7875	0.7850
Compressibility (Z) Factor	0.9965	0.9960
Total GPM	18.888	18.667