



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 5/24/2018 Operator Huntington Energy, L.L.C. API # 30-045-34513

Property Name Ute Mountain Ute Well No. 80 Location: Unit Section 20 Township 32N Range 14W

Well Status (Shut-In or Producing) Initial PSI: Tubing 0 Intermediate Casing 0 Bradenhead 34

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	Bradenhead				
	BH	Int	Csg	Int	Csg
TIME					
5 min	34		0		
10 min	34		0		
15 min	34		0		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	X
Surges	
Down to Nothing	
Nothing	
Gas	
Gas & Water	
Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR FRESH SALTY SULFUR BLACK

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 34 INTERMEDIATE

REMARKS:

Bradenhead had a steady light flow. Gas sample from 5/24/2018 attached.

By Catherine Smith

Witness

Regulatory

(Position)

E-mail address

NMOC
JUN 04 2018
DISTRICT III



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: HU180013
Cust No: 36500-10480

30-045-34513

Well/Lease Information

Customer Name: HUNTINGTON ENERGY, LLC
Well Name: UTE MOUNTAIN UTE #80
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:

Source: BRADENHEAD
Well Flowing: N
Pressure: 34 PSIG
Flow Temp: DEG. F
Ambient Temp: 72 DEG. F
Flow Rate: 0 MCF/D
Sample Method: Purge & Fill
Sample Date: 05/24/2018
Sample Time: 12.04 PM
Sampled By: RON LACKEY
Sampled by (CO): HUNTINGTON ENERGY

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.2589	1.2298	0.1390	0.00	0.0122
CO2	0.0554	0.0541	0.0090	0.00	0.0008
Methane	79.3119	77.4779	13.4910	801.05	0.4393
Ethane	10.2168	9.9805	2.7410	180.81	0.1061
Propane	5.3256	5.2024	1.4720	134.00	0.0811
Iso-Butane	0.7732	0.7553	0.2540	25.14	0.0155
N-Butane	1.8322	1.7898	0.5800	59.77	0.0368
I-Pentane	0.4559	0.4454	0.1670	18.24	0.0114
N-Pentane	0.3502	0.3421	0.1270	14.04	0.0087
Hexane Plus	0.4199	0.4102	0.1880	22.13	0.0139
Total	100.0000	97.6875	19.1680	1255.18	0.7257

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0036
BTU/CU.FT IDEAL: 1258.1
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1262.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1240.6
DRY BTU @ 15.025: 1287.9
REAL SPECIFIC GRAVITY: 0.7281

CYLINDER #: 6074
CYLINDER PRESSURE: 12 PSIG
ANALYSIS DATE: 05/30/2018
ANALYSIS TIME: 09:14:50 AM
ANALYSIS RUN BY: SHYANN ELLEDGE

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 05/30/2018

GC Method: C6+ Gas



HUNTINGTON ENERGY, LLC
WELL ANALYSIS COMPARISON

Lease: UTE MOUNTAIN UTE #80
Stn. No.:
Mtr. No.:

BRADENHEAD

05/30/2018
36500-10480

30-045-34513

Smpl Date:	05/24/2018	08/05/2015
Test Date:	05/30/2018	08/05/2015
Run No:	HU180013	HU150057
Nitrogen:	1.2589	1.2330
CO2:	0.0554	0.0410
Methane:	79.3119	78.8462
Ethane:	10.2168	10.4579
Propane:	5.3256	5.5139
I-Butane:	0.7732	0.8020
N-Butane:	1.8322	1.9660
I-Pentane:	0.4559	0.4770
N-Pentane:	0.3502	0.3820
Hexane+:	0.4199	0.2810
BTU:	1262.6	1267.1
GPM:	19.1680	19.2100
SPG:	0.7281	0.7304