



OCD Received
5/22/2020

Well Name: YAGER 6; BHD
API #:
Source: BRADENHEAD
Sample Type: GAS
Analysis No: ED200163
Cust No: 25250-12685

Well/Lease Information

Customer Name: ENDURING RESOURCES
Well Name: YAGER 6; BHD
County/State: SAN JUAN NM
Location: MIDDLE MESA
Lease/PA/CA: FEE
Formation: FC
Cust. Stn. No.:

Source: BRADENHEAD
Well Flowing: Y
Pressure: 40 PSIG
Flow Temp: DEG. F
Ambient Temp: 72 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 05/13/2020
Sample Time: 1.12 PM
Sampled By: RYAN JOHNSON
Sampled by (CO): ENDURING

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0928	0.0905	0.0100	0.00	0.0009
CO2	4.4647	4.3526	0.7640	0.00	0.0678
Methane	91.7423	89.4391	15.5860	926.60	0.5082
Ethane	2.2802	2.2230	0.6110	40.35	0.0237
Propane	0.8307	0.8098	0.2290	20.90	0.0126
Iso-Butane	0.1763	0.1719	0.0580	5.73	0.0035
N-Butane	0.1908	0.1860	0.0600	6.22	0.0038
I-Pentane	0.0634	0.0618	0.0230	2.54	0.0016
N-Pentane	0.0436	0.0425	0.0160	1.75	0.0011
Hexane Plus	0.1152	0.1123	0.0510	6.07	0.0038
Total	100.0000	97.4895	17.4080	1010.17	0.6271

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT IDEAL: 1012.5
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1014.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 997.2
DRY BTU @ 15.025: 1035.2
REAL SPECIFIC GRAVITY: 0.6283

CYLINDER #: 3
CYLINDER PRESSURE: 40 PSIG
ANALYSIS DATE: 05/19/2020
ANALYSIS TIME: 12:54:09 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: 05/21/2020

GC Method: C6+ Gas



ENDURING RESOURCES
WELL ANALYSIS COMPARISON

Lease: YAGER 6; BHD
Stn. No.:
Mtr. No.:

BRADENHEAD
FC

05/21/2020
25250-12685

Smpl Date: 05/13/2020
Test Date: 05/19/2020
Run No: ED200163

Nitrogen: 0.0928
CO2: 4.4647
Methane: 91.7423
Ethane: 2.2802
Propane: 0.8307
I-Butane: 0.1763
N-Butane: 0.1908
I-Pentane: 0.0634
N-Pentane: 0.0436
Hexane+: 0.1152

BTU: 1014.9
GPM: 17.4080
SPG: 0.6283