



OCD Received
5/15/2020

Well Name: NEW MEXICO COM O #1;
API #: 30-045-08938
Source: CASING
Sample Type: GAS
Analysis No: ED200162
Cust No: 25250-12680

Well/Lease Information

Customer Name: ENDURING RESOURCES
Well Name: NEW MEXICO COM O #1; CSG
County/State: SAN JUAN NM
Location:
Lease/PA/CA: EO-5316-0005
Formation:
Cust. Stn. No.: 30-045-08938

Source: CASING
Well Flowing: Y
Pressure: 109 PSIG
Flow Temp: DEG. F
Ambient Temp: 72 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 05/01/2020
Sample Time: 10.30 AM
Sampled By: RYAN JOHNSTON
Sampled by (CO): ENDURING

LA PLATA / FARMINGTON
Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.4036	0.3801	0.0450	0.00	0.0039
CO2	1.3190	1.2422	0.2260	0.00	0.0200
Methane	90.7750	85.4915	15.4240	916.83	0.5028
Ethane	5.9457	5.5996	1.5940	105.22	0.0617
Propane	1.0715	1.0091	0.2960	26.96	0.0163
Iso-Butane	0.1213	0.1142	0.0400	3.94	0.0024
N-Butane	0.0553	0.0521	0.0170	1.80	0.0011
I-Pentane	0.0067	0.0063	0.0020	0.27	0.0002
N-Pentane	0.0036	0.0034	0.0010	0.14	0.0001
Hexane Plus	0.2983	0.2809	0.1330	15.72	0.0099
Total	100.0000	94.1794	17.7780	1070.89	0.6185

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025
BTU/CU.FT IDEAL: 1073.4
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1076.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1057.4
DRY BTU @ 15.025: 1097.7
REAL SPECIFIC GRAVITY: 0.6198

CYLINDER #: 005
CYLINDER PRESSURE: 108 PSIG
ANALYSIS DATE: 05/05/2020
ANALYSIS TIME: 03:00:52 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: 05/08/2020

GC Method: C6+ Gas



ENDURING RESOURCES
WELL ANALYSIS COMPARISON

Lease: NEW MEXICO COM O #1; CSG
Stn. No.: 30-045-08938
Mtr. No.:

CASING

05/08/2020
25250-12680

Smpl Date: 05/01/2020
Test Date: 05/05/2020
Run No: ED200162

Nitrogen: 0.4036
CO2: 1.3190
Methane: 90.7750
Ethane: 5.9457
Propane: 1.0715
I-Butane: 0.1213
N-Butane: 0.0553
I-Pentane: 0.0067
N-Pentane: 0.0036
Hexane+: 0.2983

BTU: 1076.1
GPM: 17.7780
SPG: 0.6198