OCD Received
5/22/2020

Well Name: YAGER 6; CSG
API #:
Source: CASING
Sample Type: GAS

Analysis No: ED200164
Cust No: 25250-12690

Well/Lease Information

Customer Name:	ENDURING RESOURCES	Source:	CASING
Well Name:	YAGER 6; CSG	Well Flowing:	Y
County/State:	SAN JUAN NM	Pressure:	42.8 PSIG
Location:	MIDDLE MESA	Flow Temp:	DEG. F
Lease/PA/CA:	FEE	Ambient Temp:	72 DEG. F
Formation:	FC	Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
		Sample Date:	05/14/2020
		Sample Time:	1.00 PM
		Sampled By:	RYAN JOHNSON
Heat Trace:	N	Sampled by (CO):	ENDURING
Remarks:			

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1065	0.1042	0.0120	0.00	0.0010
CO2	2.4786	2.4258	0.4240	0.00	0.0377
Methane	92.0139	90.0555	15.6340	929.34	0.5097
Ethane	3.2072	3.1389	0.8600	56.76	0.0333
Propane	1.2373	1.2110	0.3420	31.13	0.0188
Iso-Butane	0.2478	0.2425	0.0810	8.06	0.0050
N-Butane	0.3070	0.3005	0.0970	10.02	0.0062
I-Pentane	0.1087	0.1064	0.0400	4.35	0.0027
N-Pentane	0.0812	0.0795	0.0300	3.26	0.0020
Hexane Plus	0.2118	0.2073	0.0950	11.16	0.0070
Total	100.0000	97.8716	17.6150	1054.07	0.6234

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0025	CYLINDER #:	010
BTU/CU.FT IDEAL:	1056.5	CYLINDER PRESSURE:	40 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1059.2	ANALYIS DATE:	05/19/2020
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1040.8	ANALYIS TIME:	12:42:37 AM
DRY BTU @ 15.025:	1080.4	ANALYSIS RUN BY:	SHYANN ELLEDGE
REAL SPECIFIC GRAVITY:	0.6247		

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; CSG	CASING	05/21/2020
Stn. No.:		FC	25250-12690
Mtr. No.:			

Smpl Date:	05/14/2020
Test Date:	05/19/2020
Run No:	ED200164
Nitrogen:	0.1065
CO2:	2.4786
Methane:	92.0139
Ethane:	3.2072
Propane:	1.2373
I-Butane:	0.2478
N-Butane:	0.3070
I-Pentane:	0.1087
N-Pentane:	0.0812
Hexane+:	0.2118
BTU:	1059.2
GPM:	17.6150
SPG:	0.6247