



Well Name: KELLY INDIAN 1E; BHD
 API #: 311
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: EP20240083
 Cust No: 77000-12050

Well/Lease Information

Customer Name: EPIC ENERGY
 Well Name: KELLY INDIAN 1E; BHD
 County/State: NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 311
 3004530471

Source: BRADENHEAD
 Well Flowing: Y
 Pressure: 86 PSIG
 Flow Temp: 41 DEG. F
 Ambient Temp: 70 DEG. F
 Flow Rate: 40 MCF/D
 Sample Method: Purge & Fill
 Sample Date: 04/30/2024
 Sample Time: 7.34 AM
 Sampled By: SHANNON BODO
 Sampled by (CO): WALSH

Heat Trace:

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.2899	1.2921	0.1420	0.00	0.0125
CO2	0.0870	0.0871	0.0150	0.00	0.0013
Methane	89.5963	89.7472	15.2250	904.92	0.4963
Ethane	5.5509	5.5603	1.4880	98.23	0.0576
Propane	2.1227	2.1263	0.5860	53.41	0.0323
Iso-Butane	0.3945	0.3952	0.1290	12.83	0.0079
N-Butane	0.4890	0.4898	0.1550	15.95	0.0098
I-Pentane	0.1677	0.1680	0.0610	6.71	0.0042
N-Pentane	0.1071	0.1073	0.0390	4.29	0.0027
Hexane Plus	0.1949	0.1952	0.0870	10.27	0.0065
Total	100.0000	100.1685	17.9270	1106.62	0.6310

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
 BTU/CU.FT IDEAL: 1109.2
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1112.1
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1092.7
 DRY BTU @ 15.025: 1134.4
 REAL SPECIFIC GRAVITY: 0.6324

CYLINDER #: 1022
 CYLINDER PRESSURE: 88 PSIG
 ANALYSIS DATE: 05/13/2024
 ANALYSIS TIME: 07:35:22 AM
 ANALYSIS RUN BY: SARAH BALLARD

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: 05/16/2024

GC Method: C6+ Gas



EPIC ENERGY
WELL ANALYSIS COMPARISON

Lease: KELLY INDIAN 1E; BHD
Stn. No.: 311
Mtr. No.: 3004530471

BRADENHEAD

05/16/2024
77000-12050

Smpl Date: 04/30/2024
Test Date: 05/13/2024
Run No: EP20240083
Nitrogen: 1.2899
CO2: 0.0870
Methane: 89.5963
Ethane: 5.5509
Propane: 2.1227
I-Butane: 0.3945
N-Butane: 0.4890
I-Pentane: 0.1677
N-Pentane: 0.1071
Hexane+: 0.1949
BTU: 1112.1
GPM: 17.9270
SPG: 0.6324

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 367639

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 367639
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Tribal - bh = 86 insufficient data - contact Window Rock for further instruction	8/27/2024