



Well Name: KELLY INDIAN 1R; BHD
 API #: 31479
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: EP20240084
 Cust No: 77000-12055

Well/Lease Information

Customer Name: EPIC ENERGY
 Well Name: KELLY INDIAN 1R; BHD
 County/State: NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 31479
 3004531036

Source: BRADENHEAD
 Well Flowing: N
 Pressure: 71 PSIG
 Flow Temp: 42 DEG. F
 Ambient Temp: 70 DEG. F
 Flow Rate: 35 MCF/D
 Sample Method: Purge & Fill
 Sample Date: 04/30/2024
 Sample Time: 2.00 PM
 Sampled By: SHANNON BODO
 Sampled by (CO): WALSH

Heat Trace:

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.7074	2.3412	0.2990	0.00	0.0262
CO2	0.0088	0.0076	0.0020	0.00	0.0001
Methane	90.4156	78.1851	15.3610	913.20	0.5008
Ethane	4.4564	3.8536	1.1940	78.86	0.0463
Propane	1.5904	1.3753	0.4390	40.02	0.0242
Iso-Butane	0.3157	0.2730	0.1040	10.27	0.0063
N-Butane	0.3050	0.2637	0.0960	9.95	0.0061
I-Pentane	0.0806	0.0697	0.0300	3.22	0.0020
N-Pentane	0.0496	0.0429	0.0180	1.99	0.0012
Hexane Plus	0.0705	0.0610	0.0320	3.72	0.0023
Total	100.0000	86.4731	17.5750	1061.22	0.6156

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
 BTU/CU.FT IDEAL: 1063.7
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1066.2
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1047.6
 DRY BTU @ 15.025: 1087.6
 REAL SPECIFIC GRAVITY: 0.6169

CYLINDER #: 80
 CYLINDER PRESSURE: 57 PSIG
 ANALYSIS DATE: 05/10/2024
 ANALYSIS TIME: 04:59:00 PM
 ANALYSIS RUN BY: PATRICIA KING

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 1R; BHD
Stn. No.: 31479
Mtr. No.: 3004531036

BRADENHEAD

05/16/2024
77000-12055

Smpl Date: 04/30/2024
Test Date: 05/10/2024
Run No: EP20240084

Nitrogen: 2.7074
CO2: 0.0088
Methane: 90.4156
Ethane: 4.4564
Propane: 1.5904
I-Butane: 0.3157
N-Butane: 0.3050
I-Pentane: 0.0806
N-Pentane: 0.0496
Hexane+: 0.0705

BTU: 1066.2
GPM: 17.5750
SPG: 0.6169

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District II
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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 367638

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 367638
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Tribal - BH- 71 at sampling - insufficient data - contact Window Rock for further instruction	8/27/2024