



Well Name: OHIO D GOVT 1C; BHD
 API #: 3004530122
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: HS20230044
 Cust No: 35825-14805

Well/Lease Information

Customer Name:	HILCORP (BHD PROJECT)	Source:	BRADENHEAD
Well Name:	OHIO D GOVT 1C; BHD	Well Flowing:	
County/State:	SAN JUAN NM	Pressure:	0 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:	NMNM-021123	Ambient Temp:	66 DEG. F
Formation:	MV	Flow Rate:	0 MCF/D
Cust. Stn. No.:	3004530122	Sample Method:	Purge & Fill
		Sample Date:	05/19/2023
		Sample Time:	9.40 AM
		Sampled By:	SHAWN FINCHER
		Sampled by (CO):	HILCORP

Heat Trace: AREA 2 / RUN 203

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.5164	0.8886	0.1670	0.00	0.0147
CO2	0.0038	0.0022	0.0010	0.00	0.0001
Methane	96.3755	56.4766	16.3690	973.39	0.5338
Ethane	1.7362	1.0174	0.4650	30.73	0.0180
Propane	0.2681	0.1571	0.0740	6.75	0.0041
Iso-Butane	0.0189	0.0111	0.0060	0.61	0.0004
N-Butane	0.0430	0.0252	0.0140	1.40	0.0009
I-Pentane	0.0092	0.0054	0.0030	0.37	0.0002
N-Pentane	0.0060	0.0035	0.0020	0.24	0.0001
Hexane Plus	0.0229	0.0134	0.0100	1.21	0.0008
Total	100.0000	58.6005	17.1110	1014.70	0.5730

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0021	CYLINDER #:	4080
BTU/CU.FT IDEAL:	1017.0	CYLINDER PRESSURE:	PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1019.2	ANALYSIS DATE:	05/24/2023
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1001.5	ANALYSIS TIME:	08:09:25 AM
DRY BTU @ 15.025:	1039.6	ANALYSIS RUN BY:	ALEXIS MITCHELL
REAL SPECIFIC GRAVITY:	0.574		

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: 05/30/2023

GC Method: C6+ Gas



HILCORP (BHD PROJECT)
WELL ANALYSIS COMPARISON

Lease: OHIO D GOVT 1C; BHD
Stn. No.: 3004530122
Mtr. No.:

BRADENHEAD
MV

05/30/2023
35825-14805

Smpl Date: 05/19/2023
Test Date: 05/24/2023
Run No: HS20230044

Nitrogen: 1.5164
CO2: 0.0038
Methane: 96.3755
Ethane: 1.7362
Propane: 0.2681
I-Butane: 0.0189
N-Butane: 0.0430
I-Pentane: 0.0092
N-Pentane: 0.0060
Hexane+: 0.0229

BTU: 1019.2
GPM: 17.1110
SPG: 0.5740

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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 222686

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 222686
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	this well is ta'd - may need to get a sample from well that is close producing out of same formation	10/6/2023