



Well Name: SALTY DOG 4 SWD; BHD

API #: 3004532334

Source: BRADENHEAD

Sample Type: GAS

Analysis No: HS20220009

Cust No: 35825-14295

Well/Lease Information

Customer Name: HILCORP (BHD PROJECT)
 Well Name: SALTY DOG 4 SWD; BHD
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation: MV
 Cust. Stn. No.: 3004532334

Source: BRADENHEAD
 Well Flowing: Y
 Pressure: 36 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 55 DEG. F
 Flow Rate: MCF/D
 Sample Method:
 Sample Date: 04/14/2022
 Sample Time: 12.00 PM
 Sampled By: STEVEN JAQUEZ
 Sampled by (CO): HILCORP

AREA 2 / RUN 202

Heat Trace:

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.9374	1.9044	0.2140	0.00	0.0187
CO2	0.0266	0.0261	0.0050	0.00	0.0004
Methane	91.7148	90.1514	15.5820	926.32	0.5080
Ethane	3.6006	3.5392	0.9650	63.72	0.0374
Propane	1.7665	1.7364	0.4880	44.45	0.0269
Iso-Butane	0.4902	0.4818	0.1610	15.94	0.0098
N-Butane	0.2605	0.2561	0.0820	8.50	0.0052
I-Pentane	0.1036	0.1018	0.0380	4.14	0.0026
N-Pentane	0.0341	0.0335	0.0120	1.37	0.0008
Hexane Plus	0.0657	0.0646	0.0290	3.46	0.0022
Total	100.0000	98.2953	17.5760	1067.90	0.6121

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
 BTU/CU.FT IDEAL: 1070.4
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1072.9
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1054.2
 DRY BTU @ 15.025: 1094.4
 REAL SPECIFIC GRAVITY: 0.6133

CYLINDER #: 4204
 CYLINDER PRESSURE: 22 PSIG
 ANALYSIS DATE: 04/20/2022
 ANALYSIS TIME: 02:34:53 PM
 ANALYSIS RUN BY: KERRA GONZALEZ

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: 04/21/2022

GC Method: C6+ Gas



HILCORP (BHD PROJECT)
WELL ANALYSIS COMPARISON

Lease:	SALTY DOG 4 SWD; BHD	BRADENHEAD	04/21/2022
Stn. No.:	3004532334	MV	35825-14295
Mtr. No.:			

Smpl Date: 04/14/2022
Test Date: 04/20/2022
Run No: HS20220009

Nitrogen: 1.9374
CO2: 0.0266
Methane: 91.7148
Ethane: 3.6006
Propane: 1.7665
I-Butane: 0.4902
N-Butane: 0.2605
I-Pentane: 0.1036
N-Pentane: 0.0341
Hexane+: 0.0657

BTU: 1072.9
GPM: 17.5760
SPG: 0.6133

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District III
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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 102392

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 102392
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	bh 36 at time of sampling	9/19/2022