



Well Name: SALTY DOG 6 SWD

API #: 3004532943

Source: BRADENHEAD

Sample Type: GAS

Analysis No: HS20240123

Cust No: 35825-15885

Well/Lease Information

Customer Name: HILCORP (BHD PROJECT)
 Well Name: SALTY DOG 6 SWD
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation: ENTRADA
 Cust. Stn. No.: 3004532943

Source: BRADENHEAD
 Well Flowing: Y
 Pressure: 24 PSIG
 Flow Temp: 60 DEG. F
 Ambient Temp: 60 DEG. F
 Flow Rate: N/A MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/29/2024
 Sample Time: 8.30 AM
 Sampled By: STEVE JAQUEZ
 Sampled by (CO): HILCORP

AREA 2 / RUN 0207

Heat Trace:

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.7074	0.6983	0.0780	0.00	0.0068
CO2	0.0454	0.0448	0.0080	0.00	0.0007
Methane	96.6386	95.3931	16.4130	976.05	0.5353
Ethane	2.0743	2.0476	0.5560	36.71	0.0215
Propane	0.3902	0.3852	0.1080	9.82	0.0059
Iso-Butane	0.1090	0.1076	0.0360	3.54	0.0022
N-Butane	0.0261	0.0258	0.0080	0.85	0.0005
I-Pentane	0.0090	0.0089	0.0030	0.36	0.0002
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Hexane Plus	0.0000	0.0000	0.0000	0.00	0.0000
Total	100.0000	98.7113	17.2100	1027.33	0.5732

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
 BTU/CU.FT IDEAL: 1029.7
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1031.9
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1013.9
 DRY BTU @ 15.025: 1052.6
 REAL SPECIFIC GRAVITY: 0.5742

CYLINDER #: 4131
 CYLINDER PRESSURE: 25 PSIG
 ANALYSIS DATE: 06/06/2024
 ANALYSIS TIME: 12:36:44 PM
 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: 06/07/2024

GC Method: C6+ Gas



HILCORP (BHD PROJECT)
WELL ANALYSIS COMPARISON

Lease: SALTY DOG 6 SWD
Stn. No.: 3004532943
Mtr. No.:

BRADENHEAD
ENTRADA

06/07/2024
35825-15885

Smpl Date: 05/29/2024
Test Date: 06/06/2024
Run No: HS20240123

Nitrogen: 0.7074
CO2: 0.0454
Methane: 96.6386
Ethane: 2.0743
Propane: 0.3902
I-Butane: 0.1090
N-Butane: 0.0261
I-Pentane: 0.0090
N-Pentane: 0.0000
Hexane+: 0.0000

BTU: 1031.9
GPM: 17.2100
SPG: 0.5742

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 355299

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 355299
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	kirtland gas?	8/27/2024