



Well Name: ESCRITO A31 2409

API #: 30-045-35390

Source: BRADENHEAD

Sample Type: GAS

Analysis No: DR2021199

Cust No: 21300-11260

Well/Lease Information

Customer Name: D.J.R.
 Well Name: ESCRITO A31 2409 #001H; BHD
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 30-045-35390

Source: BRADENHEAD
 Well Flowing: Y
 Pressure: 39 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 60 DEG. F
 Flow Rate: MCF/D
 Sample Method:
 Sample Date: 10/13/2021
 Sample Time: 10.45 AM
 Sampled By: J. HARTE
 Sampled by (CO): COTTONWOOD

Heat Trace: N

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.7843	0.7851	0.0870	0.00	0.0076
CO2	0.0207	0.0207	0.0040	0.00	0.0003
Methane	42.1674	42.2079	7.2210	425.89	0.2336
Ethane	18.5752	18.5931	5.0180	328.73	0.1928
Propane	19.4957	19.5145	5.4260	490.53	0.2968
Iso-Butane	2.7133	2.7159	0.8970	88.23	0.0545
N-Butane	8.7082	8.7166	2.7730	284.09	0.1748
I-Pentane	2.7482	2.7508	1.0150	109.95	0.0685
N-Pentane	3.1132	3.1162	1.1400	124.80	0.0776
Hexane Plus	1.6738	1.6754	0.7540	88.23	0.0554
Total	100.0000	100.0962	24.3350	1940.45	1.1618

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0104
 BTU/CU.FT IDEAL: 1944.9
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1965.0
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1930.8
 DRY BTU @ 15.025: 2004.4
 REAL SPECIFIC GRAVITY: 1.1733

CYLINDER #: 6132
 CYLINDER PRESSURE: 22 PSIG
 ANALYSIS DATE: 11/02/2021
 ANALYSIS TIME: 11:45:32 AM
 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: 11/03/2021

GC Method: C6+ Gas



D.J.R.

WELL ANALYSIS COMPARISON

Lease:	ESCRITO A31 2409 #001H; BHD	BRADENHEAD	11/03/2021
Stn. No.:	30-045-35390		21300-11260
Mtr. No.:			

Smpl Date:	10/13/2021
Test Date:	11/02/2021
Run No:	DR2021199
Nitrogen:	0.7843
CO2:	0.0207
Methane:	42.1674
Ethane:	18.5752
Propane:	19.4957
I-Butane:	2.7133
N-Butane:	8.7082
I-Pentane:	2.7482
N-Pentane:	3.1132
Hexane+:	1.6738
BTU:	1965.0
GPM:	24.3350
SPG:	1.1733



Well Name: ESCRITO A31 2409

API #: 30-045-35390

Source: CASING

Sample Type: GAS

Analysis No: DR2021200

Cust No: 21300-11265

Well/Lease Information

Customer Name: D.J.R.
 Well Name: ESCRITO A31 2409 #001H; CSG
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 30-045-35390

Source: CASING
 Well Flowing: Y
 Pressure: 80 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 60 DEG. F
 Flow Rate: MCF/D
 Sample Method:
 Sample Date: 10/13/2021
 Sample Time: 10.55 AM
 Sampled By: J. HARTE
 Sampled by (CO): COTTONWOOD

Heat Trace: N

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.0900	1.0984	0.1210	0.00	0.0105
CO2	0.4836	0.4873	0.0830	0.00	0.0073
Methane	64.7639	65.2650	11.0370	654.12	0.3587
Ethane	14.8059	14.9204	3.9800	262.02	0.1537
Propane	11.1871	11.2736	3.0980	281.48	0.1703
Iso-Butane	1.3410	1.3514	0.4410	43.61	0.0269
N-Butane	3.8368	3.8665	1.2160	125.17	0.0770
I-Pentane	0.7964	0.8026	0.2930	31.86	0.0198
N-Pentane	0.7088	0.7143	0.2580	28.41	0.0177
Hexane Plus	0.9865	0.9941	0.4420	52.00	0.0326
Total	100.0000	100.7736	20.9690	1478.67	0.8747

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0055
 BTU/CU.FT IDEAL: 1482.1
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1490.1
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1464.2
 DRY BTU @ 15.025: 1519.9
 REAL SPECIFIC GRAVITY: 0.8791

CYLINDER #: 6011
 CYLINDER PRESSURE: 81 PSIG
 ANALYSIS DATE: 11/02/2021
 ANALYSIS TIME: 11:24:25 AM
 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: 11/03/2021

GC Method: C6+ Gas



D.J.R.

WELL ANALYSIS COMPARISON

Lease:	ESCRITO A31 2409 #001H; CSG	CASING	11/03/2021
Stn. No.:	30-045-35390		21300-11265
Mtr. No.:			

Smpl Date:	10/13/2021
Test Date:	11/02/2021
Run No:	DR2021200
Nitrogen:	1.0900
CO2:	0.4836
Methane:	64.7639
Ethane:	14.8059
Propane:	11.1871
I-Butane:	1.3410
N-Butane:	3.8368
I-Pentane:	0.7964
N-Pentane:	0.7088
Hexane+:	0.9865
BTU:	1490.1
GPM:	20.9690
SPG:	0.8791

District I

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District III

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District IV

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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 63044

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 63044
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	12/20/2021