



OIL CONS. DIV DIST. 3

JAN 27 2017

30-045-29518

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: DU170111
Cust No: 23000-22800

Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.
Well Name: HUT #1; TBG
County/State: SAN JUAN NM
Location:
Field: MISC GATHERING
Formation:
Cust. Stn. No.: 9952501

Source: TUBING
Pressure: 40 PSIG
Sample Temp: 25 DEG. F
Well Flowing:
Date Sampled: 01/25/2017
Sampled By: MICHAEL BRIMHALL
Foreman/Engr.: MARTY FOUTZ

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.780	0.0860	0.00	0.0075
CO2	1.375	0.2360	0.00	0.0209
Methane	59.002	10.0790	595.92	0.3268
Ethane	10.307	2.7780	182.40	0.1070
Propane	13.351	3.7060	335.92	0.2033
Iso-Butane	3.665	1.2080	119.18	0.0735
N-Butane	4.504	1.4310	146.93	0.0904
I-Pentane	2.224	0.8200	88.98	0.0554
N-Pentane	1.817	0.6640	72.84	0.0453
Hexane Plus	2.975	1.3370	156.81	0.0985
Total	100.000	22.3450	1698.99	1.0286

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0079
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1716.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1686.4
REAL SPECIFIC GRAVITY: 1.0363

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 1707.0
DRY BTU @ 14.696: 1712.3
DRY BTU @ 14.730: 1716.3
DRY BTU @ 15.025: 1750.7

CYLINDER #: 4083
CYLINDER PRESSURE: 53 PSIG
DATE RUN: 1/25/17 11:51 AM
ANALYSIS RUN BY: Shyann Elledge

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DUGAN PRODUCTION CORP.
WELL ANALYSIS COMPARISON

Lease: HUT #1; TBG
Stn. No.: 9952501
Mtr. No.:

TUBING

01/25/2017
23000-22800

Smpl Date: 01/25/2017
Test Date: 01/25/2017
Run No: DU170111

Nitrogen: 0.780
CO2: 1.375
Methane: 59.002
Ethane: 10.307
Propane: 13.351
I-Butane: 3.665
N-Butane: 4.504
I-Pentane: 2.224
N-Pentane: 1.817
Hexane+: 2.975

BTU: 1716.3
GPM: 22.3450
SPG: 1.0363