



OIL CONS. DIV DIST. 3

MAY 11 2017

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: DU170392
Cust No: 23000-22805

30-045-33828

Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.
Well Name: WEST BISTI #1 SWD; BHD
County/State: SAN JUAN NM
Location: 35-26N-13W
Field:
Formation:
Cust. Stn. No.: 6,031
TOPEZ GATHERING SYSTEM

Source: BRADENHEAD
Pressure: 20 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/26/2017
Sampled By: MICHAEL BRIMHALL
Foreman/Engr.: JIMMY DAVIS

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.261	0.1390	0.00	0.0122
CO2	0.073	0.0120	0.00	0.0011
Methane	96.936	16.4640	979.05	0.5369
Ethane	1.079	0.2890	19.10	0.0112
Propane	0.236	0.0650	5.94	0.0036
Iso-Butane	0.065	0.0210	2.11	0.0013
N-Butane	0.078	0.0250	2.54	0.0016
I-Pentane	0.031	0.0110	1.24	0.0008
N-Pentane	0.034	0.0120	1.36	0.0008
Hexane Plus	0.207	0.0920	10.91	0.0069
Total	100.000	17.1300	1022.26	0.5764

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1026.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1008.9
REAL SPECIFIC GRAVITY: 0.5774

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

DRY BTU @ 14.650: 1021.2
DRY BTU @ 14.696: 1024.4
DRY BTU @ 14.730: 1026.8
DRY BTU @ 15.025: 1047.4

CYLINDER #: 4053
CYLINDER PRESSURE: 23 PSIG
DATE RUN: 4/26/17 2:33 PM
ANALYSIS RUN BY: ALEX VALDEZ



DUGAN PRODUCTION CORP.
WELL ANALYSIS COMPARISON

Lease: WEST BISTI #1 SWD; BHD
Stn. No.: 6,031
Mtr. No.: TOPEZ GATHERING

BRADENHEAD

04/26/2017
23000-22805

Smpl Date:	04/26/2017	04/03/2017
Test Date:	04/26/2017	04/04/2017
Run No:	DU170392	DU170339
Nitrogen:	1.261	1.111
CO2:	0.073	0.036
Methane:	96.936	97.536
Ethane:	1.079	1.073
Propane:	0.236	0.128
I-Butane:	0.065	0.041
N-Butane:	0.078	0.005
I-Pentane:	0.031	0.003
N-Pentane:	0.034	0.000
Hexane+:	0.207	0.067
BTU:	1026.8	1016.8
GPM:	17.1300	17.0600
SPG:	0.5774	0.5688