



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

Analysis No: DU140561
Cust No: 23000-22415

Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.
Well Name: WEST BISTI UNIT #144
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: 6008

Source: BRADENHEAD
Pressure: 17 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/15/2014
Sampled By: J. DAVIS
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.655	0.0720	0.00	0.0063
CO2	0.004	0.0010	0.00	0.0001
Methane	97.882	16.6230	988.61	0.5422
Ethane	1.223	0.3280	21.64	0.0127
Propane	0.161	0.0440	4.05	0.0025
Iso-Butane	0.056	0.0180	1.82	0.0011
N-Butane	0.006	0.0020	0.20	0.0001
I-Pentane	0.004	0.0010	0.16	0.0001
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.009	0.0040	0.47	0.0003
Total	100.000	17.0930	1016.95	0.5654

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

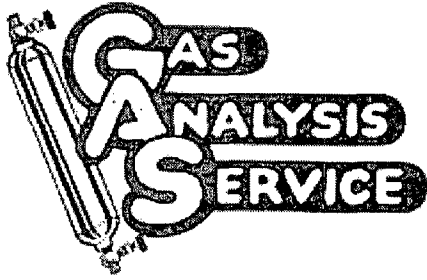
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1021.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1003.5
REAL SPECIFIC GRAVITY: 0.5663

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

DRY BTU @ 14.650: 1015.8
DRY BTU @ 14.696: 1018.9
DRY BTU @ 14.730: 1021.3
DRY BTU @ 15.025: 1041.8

CYLINDER #: 6082
CYLINDER PRESSURE: 19 PSIG
DATE RUN: 7/16/14 1:11 PM
ANALYSIS RUN BY: AMANDA ARMENTA



DUGAN PRODUCTION CORP.
WELL ANALYSIS COMPARISON

Lease: WEST BISTI UNIT #144
Stn. No.: 6008
Mtr. No.:

BRADENHEAD

07/16/2014
23000-22415

Smpl Date: 07/15/2014
Test Date: 07/16/2014
Run No: DU140561

Nitrogen: 0.655
CO2: 0.004
Methane: 97.882
Ethane: 1.223
Propane: 0.161
I-Butane: 0.056
N-Butane: 0.006
I-Pentane: 0.004
N-Pentane: 0.000
Hexane+: 0.009

BTU: 1021.3
GPM: 17.0930
SPG: 0.5663