



30-045-24265

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

Analysis No: DU140562
Cust No: 23000-22420

Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.
Well Name: STELLA NEEDS A COM #1E
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: 9000

Source: BRADENHEAD
Pressure: 14 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	4.303	0.4740	0.00	0.0416
CO2	0.010	0.0020	0.00	0.0002
Methane	94.066	15.9750	950.07	0.5210
Ethane	1.095	0.2930	19.38	0.0114
Propane	0.207	0.0570	5.21	0.0032
Iso-Butane	0.026	0.0090	0.85	0.0005
N-Butane	0.018	0.0060	0.59	0.0004
I-Pentane	0.004	0.0010	0.16	0.0001
N-Pentane	0.003	0.0010	0.12	0.0001
Hexane Plus	0.268	0.1200	14.13	0.0089
Total	100.000	16.9380	990.49	0.5872

* @ 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): 994.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 977.5
REAL SPECIFIC GRAVITY: 0.5882

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

DRY BTU @ 14.650: 989.4
DRY BTU @ 14.696: 992.5
DRY BTU @ 14.730: 994.8
DRY BTU @ 15.025: 1014.7

CYLINDER #: 4144
CYLINDER PRESSURE: 14 PSIG
DATE RUN: 7/16/14 1:13 PM
ANALYSIS RUN BY: PATRICIA KING



DUGAN PRODUCTION CORP.
WELL ANALYSIS COMPARISON

Lease: STELLA NEEDS A COM #1E
Stn. No.: 9000
Mtr. No.:

BRADENHEAD

07/16/2014
23000-22420

Smpl Date: 07/15/2014
Test Date: 07/16/2014
Run No: DU140562

Nitrogen: 4.303
CO2: 0.010
Methane: 94.066
Ethane: 1.095
Propane: 0.207
I-Butane: 0.026
N-Butane: 0.018
I-Pentane: 0.004
N-Pentane: 0.003
Hexane+: 0.268

BTU: 994.8
GPM: 16.9380
SPG: 0.5882