

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

Analysis No: CP140704
Cust No: 18300-26485

30-045-26608

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: PIERCE A 4E CSG
County/State: SAN JUAN
Location: K13-30N-10W
Field:
Formation: DAKOTA
Cust. Str. No.: 9566901
AM02351410NO

Source: CASING
Pressure: 169 PSIG
Sample Temp: 83 DEG. F
Well Flowing: Y
Date Sampled: 08/18/2014
Sampled By: LISA COEN
Foreman/Engr.: JEB DUNCAN

Remarks: NMSF - 078125-B

OIL CONS. DIV DIST. 3

SEP 16 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.121	0.0130	0.00	0.0012
CO2	2.243	0.3840	0.00	0.0341
Methane	93.193	15.8330	941.25	0.5162
Ethane	2.969	0.7960	52.54	0.0308
Propane	0.702	0.1940	17.66	0.0107
Iso-Butane	0.192	0.0630	6.24	0.0039
N-Butane	0.146	0.0460	4.76	0.0029
I-Pentane	0.104	0.0380	4.16	0.0026
N-Pentane	0.066	0.0240	2.65	0.0016
Hexane Plus	0.264	0.1180	13.92	0.0087
Total	100.000	17.5090	1043.18	0.6127

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

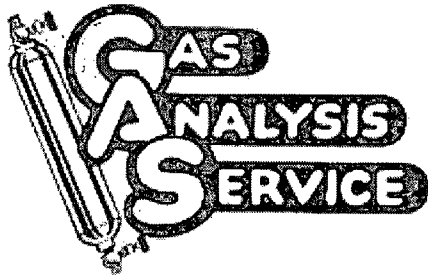
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1048.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1029.9
REAL SPECIFIC GRAVITY: 0.6139

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

DRY BTU @ 14.650: 1042.4
DRY BTU @ 14.696: 1045.7
DRY BTU @ 14.730: 1048.1
DRY BTU @ 15.025: 1069.1

CYLINDER #: 4126
CYLINDER PRESSURE: 193 PSIG
DATE RUN: 8/20/14 12:00 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: PIERCE A 4E CSG
Stn. No.: 9566901
Mtr. No.: AM02351410NO

CASING
DAKOTA

08/20/2014
18300-26485

Smpl Date: 08/18/2014
Test Date: 08/20/2014
Run No: CP140704

Nitrogen: 0.121
CO2: 2.243
Methane: 93.193
Ethane: 2.969
Propane: 0.702
I-Butane: 0.192
N-Butane: 0.146
I-Pentane: 0.104
N-Pentane: 0.066
Hexane+: 0.264

BTU: 1048.1
GPM: 17.5090
SPG: 0.6139