



30-045-09192

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

Analysis No: CP140095
Cust No: 18300-25095

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FEDERAL A #1M
County/State:
Location: G27-30N-11W
Field:
Formation: DK
Cust. Stn. No.: 85446-01
9256480

Source:
Pressure: 2.5 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 01/17/2014
Sampled By: GERALD GONALES
Foreman/Engr.: JADE BRADFORD

Remarks: PRESSURED WITH HELIUM TO 30 LBS

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	12.327	1.3600	0.00	0.1192
CO2	0.053	0.0090	0.00	0.0008
Methane	68.184	11.5960	688.66	0.3777
Ethane	8.975	2.4080	158.83	0.0932
Propane	5.879	1.6250	147.92	0.0895
Iso-Butane	1.295	0.4250	42.11	0.0260
N-Butane	1.469	0.4650	47.92	0.0295
I-Pentane	0.528	0.1940	21.13	0.0132
N-Pentane	0.378	0.1370	15.15	0.0094
Hexane Plus	0.911	0.4080	48.02	0.0302
Total	100.000	18.6270	1169.76	0.7886

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1176.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1156.0

REAL SPECIFIC GRAVITY: 0.791

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

DRY BTU @ 14.650: 1170.1

DRY BTU @ 14.696: 1173.8

DRY BTU @ 14.730: 1176.5

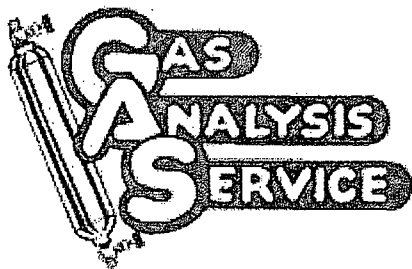
DRY BTU @ 15.025: 1200.1

CYLINDER #: 6052

CYLINDER PRESSURE: PSIG

DATE RUN: 2/10/14 9:00 AM

ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FEDERAL A #1M
Stn. No.: 85-446-01
Mtr. No.: AM02334835NO

DK

02/12/2014
18300-25095

Smpl Date:	01/17/2014	07/23/2013
Test Date:	02/10/2014	07/25/2013
Run No:	CP140095	CP130723
Nitrogen:	12.327	0.202
CO2:	0.053	0.004
Methane:	68.184	83.623
Ethane:	8.975	9.682
Propane:	5.879	4.245
I-Butane:	1.295	0.826
N-Butane:	1.469	0.857
I-Pentane:	0.528	0.261
N-Pentane:	0.378	0.168
Hexane+:	0.911	0.132
BTU:	1176.5	1208.3
GPM:	18.6270	18.7690
SPG:	0.7910	0.6811