



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

Analysis No: BU160583
Cust No: 52100-21885

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: ARIZONA JICARILLA #2; CSG
County/State: RIO ARRIBA NM
Location: D26-25N-04W
Field:
Formation: PICTURED CLIFFS
Cust. Stn. No.: API 3003905864
A720627SM

OIL CONS. DIV DIST. 3

AUG 26 2016

Source: CASING
Pressure: 86 PSIG
Sample Temp: 68 DEG. F
Well Flowing: Y
Date Sampled: 08/03/2016
Sampled By: JAY FIERMAN
Foreman/Engr.: N. BLOOMFIELD

Remarks: W/O # 9245734

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.469	0.2720	0.00	0.0239
CO2	0.336	0.0570	0.00	0.0051
Methane	88.732	15.0780	896.19	0.4915
Ethane	4.549	1.2190	80.50	0.0472
Propane	2.252	0.6220	56.66	0.0343
Iso-Butane	0.511	0.1680	16.62	0.0103
N-Butane	0.591	0.1870	19.28	0.0119
I-Pentane	0.233	0.0850	9.32	0.0058
N-Pentane	0.145	0.0530	5.81	0.0036
Hexane Plus	0.182	0.0810	9.59	0.0060
Total	100.000	17.8220	1093.98	0.6395

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1099.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1080.3
REAL SPECIFIC GRAVITY: 0.641

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

DRY BTU @ 14.650: 1093.4
DRY BTU @ 14.696: 1096.9
DRY BTU @ 14.730: 1099.4
DRY BTU @ 15.025: 1121.4

CYLINDER #: 7050
CYLINDER PRESSURE: 5 PSIG
DATE RUN: 8/23/16 1:53 PM
ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: ARIZONA JICARILLA #2; CSG
Stn. No.: API 3003905864
Mtr. No.: A720627SM

CASING
PICTURED CLIFFS

08/25/2016
52100-21885

Smpl Date:	08/03/2016	08/12/2010
Test Date:	08/23/2016	08/13/2010
Run No:	BU160583	BU100684
Nitrogen:	2.469	0.949
CO2:	0.336	0.102
Methane:	88.732	82.795
Ethane:	4.549	7.879
Propane:	2.252	4.447
I-Butane:	0.511	1.013
N-Butane:	0.591	1.181
I-Pentane:	0.233	0.512
N-Pentane:	0.145	0.341
Hexane+:	0.182	0.781
BTU:	1099.4	1241.5
GPM:	17.8220	18.9050
SPG:	0.6410	0.7122