



CONOCO PHILLIPS DIV-DIST. 3

JUN 26 2015

API #3004535073
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

30-045-35073

Analysis No: CP150293
Cust No: 18300-26985

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: LESTER 1B BHD
County/State:
Location: D03-30N-11W
Field:
Formation:
Cust. Stn. No.:
AM02479816NOSource: BRADENHEAD
Pressure: 95 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/28/2015
Sampled By: FRED GARCIA
Foreman/Engr.: PHILIP OUELLETTERemarks: WO#: 20829395
PRESSURED WITH HELIUM TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	16.081	1.7730	0.00	0.1555
CO2	0.036	0.0060	0.00	0.0005
Methane	71.525	12.1520	722.41	0.3962
Ethane	7.530	2.0180	133.26	0.0782
Propane	3.148	0.8690	79.21	0.0479
Iso-Butane	0.567	0.1860	18.44	0.0114
N-Butane	0.512	0.1620	16.70	0.0103
I-Pentane	0.121	0.0440	4.84	0.0030
N-Pentane	0.062	0.0230	2.49	0.0015
Hexane Plus	0.418	0.1870	22.03	0.0138
Total	100.000	17.4200	999.37	0.7184

* @ 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): 1004.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 986.6

REAL SPECIFIC GRAVITY: 0.7198

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

DRY BTU @ 14.650: 998.6

CYLINDER #: CP02

DRY BTU @ 14.696: 1001.8

CYLINDER PRESSURE: PSIG

DRY BTU @ 14.730: 1004.1

DATE RUN: 6/10/15 7:11 AM

DRY BTU @ 15.025: 1024.2

ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: LESTER 1B BHD
Stn. No.:
Mtr. No.: AM02479816NO

BRADENHEAD

06/17/2015
18300-26985

Smpl Date: 05/28/2015
Test Date: 06/10/2015
Run No: CP150293
Nitrogen: 16.081
CO2: 0.036
Methane: 71.525
Ethane: 7.530
Propane: 3.148
I-Butane: 0.567
N-Butane: 0.512
I-Pentane: 0.121
N-Pentane: 0.062
Hexane+: 0.418
BTU: 1004.1
GPM: 17.4200
SPG: 0.7198



API #3004535073
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP150294
Cust No: 18300-26990

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: LESTER 1B CSG
County/State:
Location: D03-30N-11W
Field:
Formation:
Cust. Stn. No.:
AM02479816NO

Source: CASING
Pressure: 104 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/28/2015
Sampled By: FRED GARCIA
Foreman/Engr.: PHILIP OUELLETTE

Remarks: WO#: 20829395

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.396	0.0440	0.00	0.0038
CO2	0.256	0.0440	0.00	0.0039
Methane	82.077	13.9560	828.98	0.4546
Ethane	9.881	2.6500	174.86	0.1026
Propane	5.187	1.4330	130.51	0.0790
Iso-Butane	0.896	0.2940	29.14	0.0180
N-Butane	0.965	0.3050	31.48	0.0194
I-Pentane	0.188	0.0690	7.52	0.0047
N-Pentane	0.113	0.0410	4.53	0.0028
Hexane Plus	0.041	0.0180	2.16	0.0014
Total	100.000	18.8540	1209.18	0.6901

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1215.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1194.7
REAL SPECIFIC GRAVITY: 0.692

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

DRY BTU @ 14.650: 1209.3
DRY BTU @ 14.696: 1213.1
DRY BTU @ 14.730: 1215.9
DRY BTU @ 15.025: 1240.3

CYLINDER #: CPK026
CYLINDER PRESSURE: 111 PSIG
DATE RUN: 6/10/15 7:13 AM
ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: LESTER 1B CSG
Stn. No.:
Mtr. No.: AM02479816NO

CASING

06/17/2015
18300-26990

Smpl Date: 05/28/2015
Test Date: 06/10/2015
Run No: CP150294

Nitrogen: 0.396
CO2: 0.256
Methane: 82.077
Ethane: 9.881
Propane: 5.187
I-Butane: 0.896
N-Butane: 0.965
I-Pentane: 0.188
N-Pentane: 0.113
Hexane+: 0.041

BTU: 1215.9
GPM: 18.8540
SPG: 0.6920