



OIL CONS. DIV DIST. 3

JUN 26 2015

API #3004510049
2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150298
Cust No: 18300-27010

30045-10049

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY

Well Name: F.JTITT 2 BHD

County/State:

Location: M35-31N-11W

Field:

Formation:

Cust. Stn. No.:

AM02362444NO

Source: BRADENHEAD
Pressure: 12 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/28/2015
Sampled By: FRED GARCIA
Foreman/Engr.: PHILIP OUELLETTERemarks: WO#: 20829391
PRESSURED WITH HELIUM TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	66.929	7.4060	0.00	0.6473
CO2	0.087	0.0150	0.00	0.0013
Methane	0.960	0.1640	9.70	0.0053
Ethane	6.560	1.7640	116.09	0.0681
Propane	1.206	0.3340	30.34	0.0184
Iso-Butane	4.237	1.3940	137.78	0.0850
N-Butane	4.816	1.5270	157.11	0.0966
I-Pentane	5.349	1.9670	214.01	0.1332
N-Pentane	3.198	1.1660	128.20	0.0797
Hexane Plus	6.658	2.9860	350.95	0.2204
Total	100.000	18.7230	1144.18	1.3554

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.006
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1153.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1133.7
REAL SPECIFIC GRAVITY: 1.363GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1147.5
DRY BTU @ 14.696: 1151.1
DRY BTU @ 14.730: 1153.8
DRY BTU @ 15.025: 1176.9CYLINDER #: CP563
CYLINDER PRESSURE: PSIG
DATE RUN: 6/10/15 7:21 AM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: TITT 2 BHD
Stn. No.:
Mtr. No.: AM02362444NO

BRADENHEAD

06/17/2015
18300-27010

Smpl Date: 05/28/2015
Test Date: 06/10/2015
Run No: CP150298
Nitrogen: 66.929
CO2: 0.087
Methane: 0.960
Ethane: 6.560
Propane: 1.206
I-Butane: 4.237
N-Butane: 4.816
I-Pentane: 5.349
N-Pentane: 3.198
Hexane+: 6.658
BTU: 1153.8
GPM: 18.7230
SPG: 1.3630



API #3004510049
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP150299
Cust No: 18300-27015

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: F.J. TITT 2 CSG
County/State:
Location: M35-31N-11W
Field:
Formation:
Cust. Stn. No.:
AM02362444NO

Source: CASING
Pressure: 71 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/28/2015
Sampled By: FRED GARCIA
Foreman/Engr.: PHILIP OUELLETTE

Remarks: WO#: 20829391

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.553	0.0610	0.00	0.0053
CO2	0.318	0.0540	0.00	0.0048
Methane	84.216	14.3190	850.58	0.4665
Ethane	7.652	2.0520	135.42	0.0794
Propane	4.574	1.2640	115.09	0.0696
Iso-Butane	0.512	0.1680	16.65	0.0103
N-Butane	1.169	0.3700	38.14	0.0235
I-Pentane	0.279	0.1020	11.16	0.0070
N-Pentane	0.245	0.0890	9.82	0.0061
Hexane Plus	0.482	0.2160	25.41	0.0160
Total	100.000	18.6950	1202.26	0.6885

* @ 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): 1208.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1187.9
REAL SPECIFIC GRAVITY: 0.6904

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

DRY BTU @ 14.650: 1202.3
DRY BTU @ 14.696: 1206.1
DRY BTU @ 14.730: 1208.9
DRY BTU @ 15.025: 1233.1

CYLINDER #: CP551
CYLINDER PRESSURE: 77 PSIG
DATE RUN: 6/10/15 7:22 AM
ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: TITT 2 CSG
Stn. No.:
Mtr. No.: AM02362444NO

CASING

06/17/2015
18300-27015

Smpl Date: 05/28/2015
Test Date: 06/10/2015
Run No: CP150299

Nitrogen: 0.553
CO2: 0.318
Methane: 84.216
Ethane: 7.652
Propane: 4.574
I-Butane: 0.512
N-Butane: 1.169
I-Pentane: 0.279
N-Pentane: 0.245
Hexane+: 0.482

BTU: 1208.9
GPM: 18.6950
SPG: 0.6904