



OIL CONS. DIV DIST. 3

SEP 10 2015

30-045-05963

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: BU150378
Cust No: 52100-17280**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HUERFANITO #91; BHD
County/State: SAN JUAN NM
Location: B12-26N-09W
Field:
Formation: DAKOTA
Cust. Stn. No.: 75269
AM02329589NOSource: BRADENHEAD
Pressure: 74 PSIG
Sample Temp: 70 DEG. F
Well Flowing: Y
Date Sampled: 05/21/2015
Sampled By: DENNIS JACQUEZ
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.337	0.0370	0.00	0.0033
CO2	0.948	0.1620	0.00	0.0144
Methane	76.784	13.0660	775.52	0.4253
Ethane	12.539	3.3660	221.90	0.1302
Propane	5.054	1.3980	127.16	0.0769
Iso-Butane	0.967	0.3180	31.45	0.0194
N-Butane	1.362	0.4310	44.43	0.0273
I-Pentane	0.612	0.2250	24.49	0.0152
N-Pentane	0.390	0.1420	15.63	0.0097
Hexane Plus	1.007	0.4510	53.08	0.0333
Total	100.000	19.5960	1293.66	0.7551

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.004
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1301.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1279.2
REAL SPECIFIC GRAVITY: 0.7579GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1294.8
DRY BTU @ 14.696: 1298.9
DRY BTU @ 14.730: 1301.9
DRY BTU @ 15.025: 1328.0CYLINDER #: 6105
CYLINDER PRESSURE: 71 PSIG
DATE RUN: 6/8/15 9:45 AM
ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: HUERFANITO #91; BHD
Stn. No.: 75269
Mtr. No.: AM02329589NO

BRADENHEAD
DAKOTA

06/11/2015
52100-17280

Smpl Date:	05/21/2015	05/21/2015	07/20/2009	05/30/2006
Test Date:	06/08/2015	06/08/2015	07/22/2009	05/31/2006
Run No:	BU150378	BU150378	BU291010	BU260063
Nitrogen:	0.337	0.337	0.479	0.334
CO2:	0.948	0.948	1.132	0.528
Methane:	76.784	76.784	75.574	75.263
Ethane:	12.539	12.539	12.838	12.832
Propane:	5.054	5.054	5.495	5.915
I-Butane:	0.967	0.967	1.015	1.128
N-Butane:	1.362	1.362	1.520	1.684
I-Pentane:	0.612	0.612	0.647	0.725
N-Pentane:	0.390	0.390	0.424	0.490
Hexane+:	1.007	1.007	0.876	1.101
BTU:	1301.9	1301.9	1308.2	1341.5
GPM:	19.5960	19.5960	19.6710	19.8560
SPG:	0.7579	0.7579	0.7660	0.7770



30-045-05963

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: BU150379
Cust No: 52100-17275**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HUERFANITO #91; CSG
County/State: SAN JUAN NM
Location: B12-26N-09W
Field:
Formation: DAKOTA
Cust. Stn. No.: 75269
AM02329589NOSource: CASING
Pressure: 74 PSIG
Sample Temp: 70 DEG. F
Well Flowing: Y
Date Sampled: 05/21/2015
Sampled By: DENNIS JACQUEZ
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.324	0.0360	0.00	0.0031
CO2	1.068	0.1830	0.00	0.0162
Methane	76.521	13.0210	772.86	0.4238
Ethane	12.483	3.3510	220.91	0.1296
Propane	5.139	1.4210	129.30	0.0782
Iso-Butane	0.994	0.3260	32.32	0.0199
N-Butane	1.408	0.4460	45.93	0.0283
I-Pentane	0.664	0.2440	26.57	0.0165
N-Pentane	0.424	0.1540	17.00	0.0106
Hexane Plus	0.975	0.4360	51.39	0.0323
Total	100.000	19.6180	1296.29	0.7586

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.004
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1304.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1281.8
REAL SPECIFIC GRAVITY: 0.7614GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1297.4
DRY BTU @ 14.696: 1301.5
DRY BTU @ 14.730: 1304.5
DRY BTU @ 15.025: 1330.6CYLINDER #: 4076
CYLINDER PRESSURE: 74 PSIG
DATE RUN: 6/8/15 9:48 AM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: HUERFANITO #91; CSG
Stn. No.: 75269
Mtr. No.: AM02329589NO

CASING
DAKOTA

06/11/2015
52100-17275

Smpl Date:	05/21/2015	07/20/2009	05/30/2006
Test Date:	06/08/2015	07/22/2009	05/31/2006
Run No:	BU150379	BU291011	BU260064
Nitrogen:	0.324	0.408	0.302
CO2:	1.068	1.134	1.127
Methane:	76.521	75.500	75.203
Ethane:	12.483	12.825	12.815
Propane:	5.139	5.516	5.635
I-Butane:	0.994	1.022	1.056
N-Butane:	1.408	1.541	1.602
I-Pentane:	0.664	0.656	0.689
N-Pentane:	0.424	0.432	0.465
Hexane+:	0.975	0.966	1.106
BTU:	1304.5	1314.2	1326.2
GPM:	19.6180	19.7080	19.7920
SPG:	0.7614	0.7688	0.7770