

OIL CONS. DIV DIST. 3
AUG 15 2014

API# 3004532905

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

Analysis No: CP140650
Cust No: 18300-26305

30-045-32905

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HARE 16M; BHD
County/State: SAN JUAN NM
Location: E03-29N-10W
Field:
Formation: MV/DK
Cust. Stn. No.: AM02305911NO

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/23/2014
Sampled By: CHERRI IVY
Foreman/Engr.: DAVID BEST

Remarks: HAD 0 LBS. PRESSURE WHEN OPENING THE VALVE.
PRESSURE WITH HELIUM TO 30 LBS.

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.411	0.0450	0.00	0.0040
CO2	0.010	0.0020	0.00	0.0002
Methane	78.650	13.3930	794.37	0.4356
Ethane	6.947	1.8660	122.94	0.0721
Propane	6.105	1.6890	153.60	0.0929
Iso-Butane	1.832	0.6020	59.57	0.0368
N-Butane	1.983	0.6280	64.69	0.0398
I-Pentane	0.985	0.3620	39.41	0.0245
N-Pentane	0.712	0.2590	28.54	0.0177
Hexane Plus	2.365	1.0590	124.66	0.0783
Total	100.000	19.9050	1387.78	0.8019

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0047

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1397.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1373.3

REAL SPECIFIC GRAVITY: 0.8054

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

DRY BTU @ 14.650: 1390.0

DRY BTU @ 14.696: 1394.4

DRY BTU @ 14.730: 1397.6

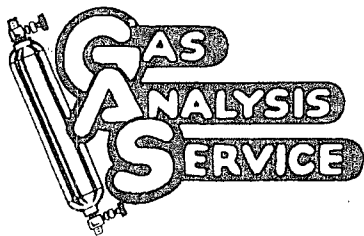
DRY BTU @ 15.025: 1425.6

CYLINDER #: 021

CYLINDER PRESSURE: PSIG

DATE RUN: 7/24/14 10:04 AM

ANALYSIS RUN BY: PATRICIA KING



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

Analysis No: CP140651
Cust No: 18300-26310

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HARE 16M; CSG
County/State: SAN JUAN NM
Location: E03-29N-10W
Field:
Formation: MV/DK
Cust. Stn. No.: AM02305911NO

Source: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/23/2014
Sampled By: CHERRI IVY
Foreman/Engr.: DAVID BEST

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.324	0.0360	0.00	0.0031
CO2	1.120	0.1920	0.00	0.0170
Methane	77.605	13.2110	783.81	0.4299
Ethane	8.955	2.4050	158.48	0.0930
Propane	5.407	1.4960	136.05	0.0823
Iso-Butane	1.453	0.4770	47.25	0.0292
N-Butane	1.773	0.5610	57.84	0.0356
I-Pentane	0.960	0.3530	38.41	0.0239
N-Pentane	0.772	0.2810	30.95	0.0192
Hexane Plus	1.631	0.7300	85.97	0.0540
Total	100.000	19.7420	1338.75	0.7872

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

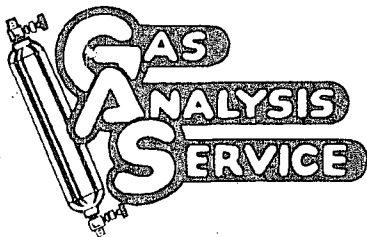
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0044
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1347.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1324.3
REAL SPECIFIC GRAVITY: 0.7903

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

DRY BTU @ 14.650: 1340.5
DRY BTU @ 14.696: 1344.7
DRY BTU @ 14.730: 1347.8
DRY BTU @ 15.025: 1374.8

CYLINDER #: 015
CYLINDER PRESSURE: 93 PSIG
DATE RUN: 7/24/14 10:12 AM
ANALYSIS RUN BY: LOGAN CHENEY



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

Analysis No: CP140652
Cust No: 18300-26315

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: HARE 16M; TBG
County/State: SAN JUAN NM
Location: E03-29N-10W
Field:
Formation: MV/DK
Cust. Stn. No.: AM02305911NO

Source: TUBING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/23/2014
Sampled By: CHERRI IVY
Foreman/Engr.: DAVID BEST

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.247	0.0270	0.00	0.0024
CO2	1.062	0.1820	0.00	0.0161
Methane	83.099	14.1310	839.30	0.4603
Ethane	9.323	2.5010	164.99	0.0968
Propane	3.608	0.9970	90.78	0.0549
Iso-Butane	0.573	0.1880	18.63	0.0115
N-Butane	0.937	0.2960	30.57	0.0188
I-Pentane	0.309	0.1130	12.36	0.0077
N-Pentane	0.233	0.0850	9.34	0.0058
Hexane Plus	0.609	0.2720	32.10	0.0202
Total	100.000	18.7920	1198.07	0.6945

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1204.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1183.8

REAL SPECIFIC GRAVITY: 0.6965

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

DRY BTU @ 14.650: 1198.3

DRY BTU @ 14.696: 1202.0

DRY BTU @ 14.730: 1204.8

DRY BTU @ 15.025: 1228.9

CYLINDER #: 006

CYLINDER PRESSURE: 90 PSIG

DATE RUN: 7/24/14 10:13 AM

ANALYSIS RUN BY: LOGAN CHENEY