

30-045-34460



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

Analysis No: CP140249
Cust No: 18300-25830

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: ALLISON #40N BHD
County/State: SAN JUAN
Location: P19-32N-06W
Field:
Formation: MV/DK
Cust. Stn. No.: 83030-011
AM02414020NO

Source: BRADENHEAD
Pressure: N/A PSIG
Sample Temp: 45 DEG. F
Well Flowing: Y
Date Sampled: 03/24/2014
Sampled By: GARY PAYMAR
Foreman/Engr.: JOE COLLEY

OIL CONS. DIV DIST. 3

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

MAY 14 2014

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	84.403	9.2920	0.00	0.8163
CO2	0.999	0.1710	0.00	0.0152
Methane	11.216	1.9030	113.28	0.0621
Ethane	0.433	0.1160	7.66	0.0045
Propane	0.263	0.0730	6.62	0.0040
Iso-Butane	0.000	0.0000	0.00	0.0000
N-Butane	0.084	0.0260	2.74	0.0017
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	2.602	1.1610	137.15	0.0861
Total	100.000	12.7420	267.46	0.9900

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0009
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 268.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 263.6
REAL SPECIFIC GRAVITY: 0.9904

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

DRY BTU @ 14.650: 266.8
DRY BTU @ 14.696: 267.7
DRY BTU @ 14.730: 268.3
DRY BTU @ 15.025: 273.7

CYLINDER #: 6143
CYLINDER PRESSURE: PSIG
DATE RUN: 4/15/14 9:20 AM
ANALYSIS RUN BY: TIMBER EVERETT



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: ALLISON #40N BHD
Stn. No.: 83030-011
Mtr. No.: AM02414020NO

BRADENHEAD
MV/DK

04/16/2014
18300-25830

Smpl Date: 03/24/2014
Test Date: 04/15/2014
Run No: CP140249
Nitrogen: 84.403
CO2: 0.999
Methane: 11.216
Ethane: 0.433
Propane: 0.263
I-Butane: 0.000
N-Butane: 0.084
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 2.602
BTU: 268.3
GPM: 12.7420
SPG: 0.9904



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

Analysis No: CP140250
Cust No: 18300-25835

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: ALLISON #40N INT. VALVE
County/State: SAN JUAN
Location: P19-32N-06W
Field:
Formation: MV/DK
Cust. Stn. No.: 83030-011
AM02414020NO

Source: INT. VALVE
Pressure: 1.9 PSIG
Sample Temp: 44 DEG. F
Well Flowing: Y
Date Sampled: 03/24/2014
Sampled By: GARY PAYMAR
Foreman/Engr.: JOE COLLEY

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

OIL CONS. DIV DIST. 3

Analysis

MAY 14 2014

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	6.381	0.7040	0.00	0.0617
CO2	0.106	0.0180	0.00	0.0016
Methane	77.494	13.1760	782.69	0.4292
Ethane	8.248	2.2120	145.96	0.0856
Propane	4.477	1.2370	112.65	0.0682
Iso-Butane	0.989	0.3250	32.16	0.0198
N-Butane	1.056	0.3340	34.45	0.0212
I-Pentane	0.342	0.1250	13.68	0.0085
N-Pentane	0.210	0.0760	8.42	0.0052
Hexane Plus	0.697	0.3120	36.74	0.0231
Total	100.000	18.5190	1166.75	0.7242

* @ 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): 1173.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1152.8
REAL SPECIFIC GRAVITY: 0.7263

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

DRY BTU @ 14.650: 1166.8
DRY BTU @ 14.696: 1170.5
DRY BTU @ 14.730: 1173.2
DRY BTU @ 15.025: 1196.7

CYLINDER #: 4002
CYLINDER PRESSURE: PSIG
DATE RUN: 4/15/14 9:23 AM
ANALYSIS RUN BY: TIMBER EVERETT



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: ALLISON #40N INT. VALVE
Strn. No.: 83030-011
Mtr. No.: AM02414020NO

INT. VALVE
MV/DK

04/16/2014
18300-25835

Smpl Date: 03/24/2014
Test Date: 04/15/2014
Run No: CP140250

Nitrogen: 6.381
CO2: 0.106
Methane: 77.494
Ethane: 8.248
Propane: 4.477
I-Butane: 0.989
N-Butane: 1.056
I-Pentane: 0.342
N-Pentane: 0.210
Hexane+: 0.697

BTU: 1173.2
GPM: 18.5190
SPG: 0.7263



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

Analysis No: CP140251
Cust No: 18300-25840

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: ALLISON #40N PROD. TUBING
County/State: SAN JUAN
Location: P19-32N-06W
Field:
Formation: MV/DK
Cust. Stn. No.: 83030-011
AM02414020NO

Source: PROD. TUBING
Pressure: 161 PSIG
Sample Temp: 52 DEG. F
Well Flowing: Y
Date Sampled: 03/24/2014
Sampled By: GARY PAYMAR
Foreman/Engr.: JOE COLLEY

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.077	0.0080	0.00	0.0007
CO2	2.805	0.4800	0.00	0.0426
Methane	95.210	16.1720	961.62	0.5274
Ethane	1.663	0.4460	29.43	0.0173
Propane	0.178	0.0490	4.48	0.0027
Iso-Butane	0.029	0.0100	0.94	0.0006
N-Butane	0.015	0.0050	0.49	0.0003
I-Pentane	0.007	0.0030	0.28	0.0002
N-Pentane	0.001	0.0000	0.04	0.0000
Hexane Plus	0.015	0.0070	0.79	0.0005
Total	100.000	17.1800	998.07	0.5923

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1002.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 985.2
REAL SPECIFIC GRAVITY: 0.5934

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

DRY BTU @ 14.650: 997.2
DRY BTU @ 14.696: 1000.3
DRY BTU @ 14.730: 1002.6
DRY BTU @ 15.025: 1022.7

CYLINDER #: 5031
CYLINDER PRESSURE: 155 PSIG
DATE RUN: 4/15/14 9:35 AM
ANALYSIS RUN BY: AMANDA ARMENTA



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: ALLISON #40N PROD. TUBING
Stn. No.: 83030-011
Mtr. No.: AM02414020NO

PROD. TUBING
MV/DK

04/16/2014
18300-25840

Smpl Date: 03/24/2014
Test Date: 04/15/2014
Run No: CP140251

Nitrogen: 0.077
CO2: 2.805
Methane: 95.210
Ethane: 1.663
Propane: 0.178
I-Butane: 0.029
N-Butane: 0.015
I-Pentane: 0.007
N-Pentane: 0.001
Hexane+: 0.015

BTU: 1002.6
GPM: 17.1800
SPG: 0.5934