



OIL CONS. DIV DIST. 3

OCT 13 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: DJ160023
Cust No: 71005-10355**Well/Lease Information**Customer Name: DJ SIMMONS
Well Name: JICARILLA H #109; BHD
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.:Source: BRADENHEAD
Pressure: 11 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 06/28/2016
Sampled By: PAT SLUSSER
Foreman/Engr.: VERN ANDREWS

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.133	0.1250	0.00	0.0110
CO2	0.446	0.0760	0.00	0.0068
Methane	73.457	12.5040	741.92	0.4069
Ethane	13.193	3.5430	233.48	0.1370
Propane	7.015	1.9400	176.50	0.1068
Iso-Butane	1.017	0.3340	33.07	0.0204
N-Butane	1.751	0.5540	57.12	0.0351
I-Pentane	0.561	0.2060	22.45	0.0140
N-Pentane	0.432	0.1570	17.32	0.0108
Hexane Plus	0.995	0.4460	52.45	0.0329
Total	100.000	19.8850	1334.30	0.7816

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0043

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1343.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1319.6

REAL SPECIFIC GRAVITY: 0.7846

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

DRY BTU @ 14.650: 1335.7

DRY BTU @ 14.696: 1339.9

DRY BTU @ 14.730: 1343.0

DRY BTU @ 15.025: 1369.9

CYLINDER #: 6227

CYLINDER PRESSURE: 11 PSIG

DATE RUN: 6/29/16 4:05 PM

ANALYSIS RUN BY: Shyann Elledge



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

Analysis No: DJ160025
Cust No: 71005-10365

Well/Lease Information

Customer Name: DJ SIMMONS
Well Name: JICARILLA H #109; TBG
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.:

Source: TUBING
Pressure: 179 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 06/28/2016
Sampled By: PAT SLUSSER
Foreman/Engr.: VERN ANDREWS

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.059	0.1170	0.00	0.0102
CO2	0.455	0.0780	0.00	0.0069
Methane	73.522	12.5110	742.57	0.4072
Ethane	13.642	3.6620	241.42	0.1416
Propane	7.456	2.0620	187.60	0.1135
Iso-Butane	1.154	0.3790	37.53	0.0232
N-Butane	2.138	0.6770	69.75	0.0429
I-Pentane	0.431	0.1580	17.24	0.0107
N-Pentane	0.114	0.0410	4.57	0.0028
Hexane Plus	0.030	0.0130	1.58	0.0010
Total	100.000	19.6980	1302.25	0.7602

* @ 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): 1310.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1287.6
REAL SPECIFIC GRAVITY: 0.7628

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

DRY BTU @ 14.650: 1303.3
DRY BTU @ 14.696: 1307.4
DRY BTU @ 14.730: 1310.4
DRY BTU @ 15.025: 1336.6

CYLINDER #: 4196
CYLINDER PRESSURE: 170 PSIG
DATE RUN: 6/29/16 4:07 PM
ANALYSIS RUN BY: Shyann Elledge



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

Analysis No: DJ160024
Cust No: 71005-10360

Well/Lease Information

Customer Name: DJ SIMMONS
Well Name: JICARILLA H #109; CSG
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Stn. No.:

Source: CASING
Pressure: 101 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 06/28/2016
Sampled By: PAT SLUSSER
Foreman/Engr.: VERN ANDREWS

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.057	0.1170	0.00	0.0102
CO2	0.487	0.0830	0.00	0.0074
Methane	73.370	12.4890	741.04	0.4064
Ethane	13.262	3.5610	234.70	0.1377
Propane	7.107	1.9660	178.82	0.1082
Iso-Butane	1.034	0.3400	33.62	0.0208
N-Butane	1.786	0.5650	58.26	0.0358
I-Pentane	0.573	0.2100	22.93	0.0143
N-Pentane	0.436	0.1590	17.48	0.0109
Hexane Plus	0.888	0.3980	46.81	0.0294
Total	100.000	19.8880	1333.65	0.7810

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0043

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1342.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1319.0

REAL SPECIFIC GRAVITY: 0.784

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

DRY BTU @ 14.650: 1335.1

DRY BTU @ 14.696: 1339.3

DRY BTU @ 14.730: 1342.4

DRY BTU @ 15.025: 1369.3

CYLINDER #: 6104

CYLINDER PRESSURE: 101 PSIG

DATE RUN: 6/29/16 4:06 PM

ANALYSIS RUN BY: Shyann Elledge