



OIL CONS. DIV DIST. 3

APR 27 2016

MAY 04 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: SA160005
Cust No: 70300-10080

Well/Lease Information

Customer Name: SAN JUAN RESOURCES
Well Name: CLARK #3; BHD
County/State: RIO ARRIBA
Location:
Field:
Formation: PICTURED CLIFFS
Cust. Stn. No.: 87910-01Source: BRADENHEAD
Pressure: 20 PSIG
Sample Temp: 38 DEG. F
Well Flowing: N
Date Sampled: 04/19/2016
Sampled By: TERRY G.
Foreman/Engr.: VERN ANDREWS

30-039-05648

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.292	0.1430	0.00	0.0125
CO2	0.266	0.0460	0.00	0.0040
Methane	77.679	13.2170	784.56	0.4303
Ethane	9.869	2.6490	174.65	0.1025
Propane	6.119	1.6920	153.96	0.0932
Iso-Butane	1.327	0.4360	43.15	0.0266
N-Butane	1.716	0.5430	55.98	0.0344
I-Pentane	0.626	0.2300	25.05	0.0156
N-Pentane	0.443	0.1610	17.76	0.0110
Hexane Plus	0.663	0.2970	34.95	0.0219
Total	100.000	19.4140	1290.05	0.7521

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0039
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1298.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1275.5
REAL SPECIFIC GRAVITY: 0.7547GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1291.0
DRY BTU @ 14.696: 1295.1
DRY BTU @ 14.730: 1298.1
DRY BTU @ 15.025: 1324.1CYLINDER #: 4024
CYLINDER PRESSURE: 31 PSIG
DATE RUN: 4/22/16 9:40 AM
ANALYSIS RUN BY: Shyann Elledge



APR 27 2016

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

Analysis No: SA160004
Cust No: 70300-10075

Well/Lease Information

Customer Name: SAN JUAN RESOURCES
Well Name: CLARK #3; CSG
County/State: RIO ARRIBA
Location:
Field:
Formation: PICTURED CLIFFS
Cust. Stn. No.: 87910-01

30-039-05648

Source: CASING
Pressure: 50 PSIG
Sample Temp: 40 DEG. F
Well Flowing: N
Date Sampled: 04/19/2016
Sampled By: TERRY G.
Foreman/Engr.: VERN ANDREWS

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.273	0.1410	0.00	0.0123
CO2	0.444	0.0760	0.00	0.0067
Methane	74.101	12.6120	748.42	0.4104
Ethane	11.931	3.2030	211.14	0.1239
Propane	7.138	1.9740	179.60	0.1087
Iso-Butane	1.205	0.3960	39.19	0.0242
N-Butane	2.001	0.6330	65.28	0.0402
I-Pentane	0.633	0.2320	25.33	0.0158
N-Pentane	0.519	0.1890	20.81	0.0129
Hexane Plus	0.755	0.3380	39.80	0.0250
Total	100.000	19.7940	1329.55	0.7801

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0042
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1338.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1315.0
REAL SPECIFIC GRAVITY: 0.783

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

DRY BTU @ 14.650: 1331.0
DRY BTU @ 14.696: 1335.2
DRY BTU @ 14.730: 1338.3
DRY BTU @ 15.025: 1365.1

CYLINDER #: 7008
CYLINDER PRESSURE: 47 PSIG
DATE RUN: 4/22/16 9:37 AM
ANALYSIS RUN BY: Shyann Elledge