



30-045-32004

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

Analysis No: RP170005
Cust No: 69030-10240

Well/Lease Information

Customer Name: RODDY PRODUCTION CO.
Well Name: OWEN #2D BHD
County/State: SAN JUAN
Location:
Field:
Formation: MESE VERDE
Cust. Str. No.:

Source: BRADENHEAD
Well Flowing:
Pressure: 20 PSIG
Flow Temp: DEG. F
Ambient Temp: 76 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Date Sampled: 10/12/2017
Sample Time: 5.00 PM
Sampled By: JEREMY DIVINE
Sampled by (CO):

OIL CONS. DIV DIST. 3
OCT 17 2017

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	10.3034	10.3020	1.1350	0.00	0.0997
CO2	0.0151	0.0151	0.0030	0.00	0.0002
Methane	88.8646	88.8521	15.0890	897.53	0.4922
Ethane	0.7535	0.7534	0.2020	13.33	0.0078
Propane	0.0163	0.0163	0.0040	0.41	0.0002
Iso-Butane	0.0046	0.0046	0.0020	0.15	0.0001
N-Butane	0.0020	0.0020	0.0010	0.07	0.0000
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Hexane Plus	0.0405	0.0405	0.0180	2.13	0.0013
Total	100.0000	99.9860	16.4540	913.63	0.6016

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0018
BTU/CU.FT IDEAL: 915.7
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 917.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 901.4
DRY BTU @ 15.025: 935.8
REAL SPECIFIC GRAVITY: 0.6025

CYLINDER #: 238
CYLINDER PRESSURE: 19 PSIG
DATE RUN: 10/16/17 12:00 AM
ANALYSIS RUN BY: PATRICIA KING

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

GC Method: C6+ Gas

Last Cal/Verify: 10/16/2017



RODDY PRODUCTION CO.
WELL ANALYSIS COMPARISON

Lease: OWEN #2D BHD
Stn. No.:
Mtr. No.:

BRADENHEAD
MESE VERDE

10/16/2017
69030-10240

Smpl Date:	10/12/2017	09/26/2017	07/25/2014
Test Date:	10/16/2017	10/03/2017	07/29/2014
Run No:	RP170005	RP170003	RP140005
Nitrogen:	10.3034	11.2791	8.9070
CO2:	0.0151	0.0411	0.0480
Methane:	88.8646	87.9365	89.9910
Ethane:	0.7535	0.7229	0.8240
Propane:	0.0163	0.0144	0.0160
I-Butane:	0.0046	0.0044	0.0060
N-Butane:	0.0020	0.0016	0.0040
I-Pentane:	0.0000	0.0000	0.0010
N-Pentane:	0.0000	0.0000	0.0000
Hexane+:	0.0405	0.0000	0.2030
BTU:	917.4	905.1	938.9
GPM:	16.4540	16.3790	16.5900
SPG:	0.6025	0.6054	0.6020