



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

Analysis No: EN170201
Cust No: 25400-11810

Well/Lease Information

Customer Name: ENERVEST
Well Name: CLAYTON #1B; INT
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: API 300453141

OIL CONS. DIV DIST. 3

OCT 30 2017

Source: INTERMEDIATE
Well Flowing: Y
Pressure: 5 PSIG
Flow Temp: DEG. F
Ambient Temp: 42 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Date Sampled: 10/25/2017
Sample Time: 8.45 AM
Sampled By: LEROY MARTINEZ
Sampled by (CO): ENERVEST

Remarks: PRESSURED WITH HELIUM TO 30LBS.

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	4.4116	2.0073	0.4870	0.00	0.0427
CO2	0.0758	0.0345	0.0130	0.00	0.0012
Methane	82.6690	37.6148	14.0490	834.96	0.4579
Ethane	8.3425	3.7959	2.2370	147.64	0.0866
Propane	3.2334	1.4712	0.8930	81.36	0.0492
Iso-Butane	0.4756	0.2164	0.1560	15.47	0.0095
N-Butane	0.4600	0.2093	0.1450	15.01	0.0092
I-Pentane	0.0976	0.0444	0.0360	3.90	0.0024
N-Pentane	0.0574	0.0261	0.0210	2.30	0.0014
Hexane Plus	0.1771	0.0806	0.0790	9.34	0.0059
Total	100.0000	45.5005	18.1160	1109.96	0.6661

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
BTU/CU.FT IDEAL: 1112.5
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1115.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1096.1
DRY BTU @ 15.025: 1137.8
REAL SPECIFIC GRAVITY: 0.6676

CYLINDER #: 6040
CYLINDER PRESSURE: 6 PSIG
DATE RUN: 10/26/17 8:45 AM
ANALYSIS RUN BY: CAMERON MANGAN

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 10/26/2017

GC Method: C6+ Gas

4



24 hr. Rush He to 30 #
2030 Afton Place, Farmington, NM 87401 - (505) 325-6622

****10 PSIG Precharge****

C6+ ☒ C9+ ☐ C12+ ☐ C12+ BTEX ☐ Helium ☐

Other _____

Date 10/25/17

Sampled By: (Co.)

EverVest

Time

8:45

☒ AM
☐ PM

Sampled by: (Person)

Leroy Martinez

Well Flowing:

☒ Yes

☐ No

Company:

EverVest

Heat Trace:

☐ Yes

☐ No

Well Name:

CLAYTON #1B

Flow Pressure (PSIG):

5.0

Location:

Flow Temp (°F):

N/A

County/State:

SAN JUAN

NM

Ambient Temp (°F):

42°

Formation:

Flow Rate (MCF/D):

N/A

Source:

☐ Meter Run

☐ Tubing

☐ Casing

☐ Bradenhead

☒ Other

Intermediate

Sample Type:

☒ Spot

☐ Composite

Sample Method:

☒ Purge & Fill

☐ Other

Meter Number:

Cylinder Number

60040

Contact:

Leroy Martinez

793-3217

Remarks:

API # 300453141



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

Analysis No: EN170200
Cust No: 25400-11805

Well/Lease Information

Customer Name: ENERVEST
Well Name: CLAYTON #1B; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.: API 300453141

OIL CONS. DIV DIST. 3

OCT 30 2017

Source: CASING
Well Flowing: Y
Pressure: 59 PSIG
Flow Temp: DEG. F
Ambient Temp: 42 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Date Sampled: 10/25/2017
Sample Time: 9.10 AM
Sampled By: LEROY MARTINEZ
Sampled by (CO): ENERVEST

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3724	0.3457	0.0410	0.00	0.0036
CO2	0.0098	0.0091	0.0020	0.00	0.0001
Methane	87.2121	80.9601	14.8260	880.84	0.4831
Ethane	7.5147	6.9760	2.0150	132.99	0.0780
Propane	2.6837	2.4913	0.7410	67.52	0.0409
Iso-Butane	0.4668	0.4333	0.1530	15.18	0.0094
N-Butane	0.5826	0.5408	0.1840	19.01	0.0117
I-Pentane	0.2569	0.2385	0.0940	10.28	0.0064
N-Pentane	0.2061	0.1913	0.0750	8.26	0.0051
Hexane Plus	0.6949	0.6451	0.3110	36.63	0.0230
Total	100.0000	92.8312	18.4420	1170.71	0.6613

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT IDEAL: 1173.4
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1176.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1156.4
DRY BTU @ 15.025: 1200.5
REAL SPECIFIC GRAVITY: 0.663

CYLINDER #: 6042
CYLINDER PRESSURE: 62 PSIG
DATE RUN: 10/26/17 9:10 AM
ANALYSIS RUN BY: RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 10/26/2017

GC Method: C6+ Gas



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

62 #
10 PSIG Precharge

C6+ ☒ C9+ ☐ C12+ ☐ C12+ BTEX ☐ Helium ☐

Other _____

Date 10/25/17

Sampled By:(Co.) Ever Vest

Time 9:10 ☒ AM ☐ PM

Sampled by:(Person) Leroy Martinez

Well Flowing: ☒ Yes ☐ No

Company: Ever Vest

Heat Trace: ☐ Yes ☐ No

Well Name: Clayton #1B

Flow Pressure (PSIG): 58.7

Location: _____

Flow Temp (°F): N/A

County/State: SAN JUAN NM

Ambient Temp (°F): 42°

Formation: _____

Flow Rate (MCF/D): N/A

Source: ☐ Meter Run ☐ Tubing ☒ Casing ☐ Bradenhead ☐ Other _____

Sample Type: ☒ Spot ☐ Composite Sample Method: ☒ Purge & Fill ☐ Other _____

Meter Number: _____

Cylinder Number: 6042

Contact: Leroy Martinez 703-3217

Remarks: API #300453141