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

Received 12-6-18 MK

Analysis No: DW180001
Cust No: 21350-10000

Well/Lease Information

Customer Name:	DRAKE WELL SERVICE	Source:	BRADENHEAD
Well Name:	NEBU 346E	Well Flowing:	Y
County/State:		Pressure:	13 PSIG
Location:		Flow Temp:	DEG. F
Field:		Ambient Temp:	39 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
		Sample Date:	12/05/2018
		Sample Time:	2.40 PM
		Sampled By:	CAMERON MANGAN
Heat Trace:		Sampled by (CO):	ABC
Remarks:			

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.3530	1.3403	0.1490	0.00	0.0131
CO2	0.0096	0.0095	0.0020	0.00	0.0001
Methane	93.6934	92.8152	15.9150	946.30	0.5190
Ethane	3.9492	3.9122	1.0580	69.89	0.0410
Propane	0.6516	0.6455	0.1800	16.39	0.0099
Iso-Butane	0.0633	0.0627	0.0210	2.06	0.0013
N-Butane	0.1395	0.1382	0.0440	4.55	0.0028
I-Pentane	0.0250	0.0248	0.0090	1.00	0.0006
N-Pentane	0.0188	0.0186	0.0070	0.75	0.0005
Hexane Plus	0.0966	0.0957	0.0430	5.09	0.0032
Total	100.0000	99.0627	17.4280	1046.04	0.5915

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0022	CYLINDER #:	PPC4
BTU/CU.FT IDEAL:	1048.5	CYLINDER PRESSURE:	13 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1050.8	ANALYIS DATE:	12/05/2018
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1032.5	ANALYIS TIME:	02:52:00 AM
DRY BTU @ 15.025:	1071.8	ANALYSIS RUN BY:	CAMERON MANGAN
REAL SPECIFIC GRAVITY:	0.5925		

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: 12/05/2018**
GC Method: C6+ Gas

DRAKE WELL SERVICE

WELL ANALYSIS COMPARISON

Lease:	NEBU 346E	BRADENHEAD	12/05/2018
Stn. No.:			21350-10000
Mtr. No.:			

Smpl Date:	12/05/2018
Test Date:	12/05/2018
Run No:	DW180001
Nitrogen:	1.3530
CO2:	0.0096
Methane:	93.6934
Ethane:	3.9492
Propane:	0.6516
I-Butane:	0.0633
N-Butane:	0.1395
I-Pentane:	0.0250
N-Pentane:	0.0188
Hexane+:	0.0966
BTU:	1050.8
GPM:	17.4280
SPG:	0.5925