

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number: 950251
Sample From: Legleiter #1 DST 4
Producer: AFG Energy
Date:
Time:
Sampler:
Source:

Analyzed: 05/21/95
Pressure:
Temperature:
Location: 24-16-18
County: Rush
State: Kansas
Formation: Arbuckle

	Mole %	GPM
Helium	He: 3.406	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 22.253	0.000
Carbon Dioxide	CO2: 0.445	0.000
Methane	C1: 66.810	0.000
Ethane	C2: 3.834	1.025
Propane	C3: 1.565	0.431
Iso Butane	iC4: 0.391	0.128
Normal Butane	nC4: 0.552	0.174
Iso Pentane	iC5: 0.202	0.074
Normal Pentane	nC5: 0.184	0.067
Hexanes Plus	C6+: 0.358	0.156

TOTAL: 100.000 2.055
Z Fact: 0.9982
SP.GR.: 0.7022
BTU (SAT): 835.2 @ 14.73 psia
BTU (DRY): 850.0 @ 14.73 psia
OCTANE RATING: 93.5

COMMENTS:

GAS RECOVERY

COMPANY: AFG ENERGY, INC

DATE: 05/17/95

WELL NAME: LEGLEITER #1

KB Elev: 2032.00 ft TICKET #7927 DST #4

WELL LOCATION: 24-16S-18W

GR Elev: 0.00 ft FORMATION: ARBUCKLE

INTERVAL Fr.: 3576.00 To 3585.00 T.D.: 3585.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH MERLA

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	1.50	3	0	654.0
20	1.50	5	0	863.0
25	1.50	5	0	863.0
30	1.50	5	0	863.0
35	1.50	5	0	863.0
40	1.50	5	0	863.0
45	1.50	5	0	863.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	1.50	3	0	654.0
10	1.50	4	0	764.0
15	1.50	5	0	863.0
20	1.50	5	0	863.0
25	1.50	5	0	863.0
30	1.50	5	0	863.0
35	1.50	5	0	863.0
40	1.50	5	0	863.0
45	1.50	5	0	863.0