

well file

Wildcat Measurement Service
P.O. Box 1836

Artesia, New Mexico 88211-1836

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Office #505-746-3481

"Quality and Service is our First Concern"

PDS 06/25/00

Run No. 210103-05

Date Run 01/03/2001

Date Sampled 01/02/2001

Analysis for: PRIMERO OPERATING COMPANY

Well Name: C.L O'BRIAN #1

Field: TWIN LAKES

Sta. Number:

Purpose: SPOT

Sampling Temp: DEG F

Volume/day:

Pressure on Cylinder: 48 PSIG

GPANGL L60

Producer: PRIMERO OPERATING COMPANY

County: CHAVES

State: NM

Sampled By: KZLTIC SERVICES, INC.

Atmos Temp: DEG F

Formation:

Line Pressure: 61.2 PSIA

GAS COMPONENT ANALYSIS

Pressure Base: 14.7300

		Mol %	GPM
Carbon Dioxide	CO2	16.7327	
Nitrogen	N2	10.7455	
Methane	C1	59.3522	
Ethane	C2	6.3252	1.6909
Propane	C3	3.8858	1.0699
Iso-Butane	IC4	0.4290	0.1403
Nor-Butane	NC4	0.8232	0.2595
Iso-Pentane	IC5	0.2685	0.0983
Nor-Pentane	NC5	0.2243	0.0812
Hexanes Plus	C6+	1.2126	0.5290
TOTAL		100.0000	3.8692

Real BTU Dry: 934.08
Real BTU Wet: 917.83
Real Calc. Specific Gravity: 0.8907
Field Specific Gravity: 0.0000

Standard Pressure: 14.6960
BTU Dry: 931.93
BTU Wet: 915.71

Z Factor: 0.5968
N Value: 1.2948
Avg Mol Weight: 25.7253
Avg CuFt/Gal: 59.2749
25 Lb Product: 1.1468
Methane+ GPM: 13.9291
Ethane+ GPM: 3.8692
Propane+ GPM: 2.1782
Butane+ GPM: 1.1033
Pentane+ GPM: 0.7085

REMARKS:

Wed Jan 03 10:18:50 2001

Approved by: DON NORMAN

H₂S 7,500 ppm

BEFORE EXAMINER
OIL CONCENTRATION DIVISION
EXHIBIT NO. 9
CASE NO.