

Wildcat Measurement Service
P.O. Box 1836

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"Quality and Service is our First Concern"

PDS 06/25/00

Run No. 220118-01

Date Run 01/11/2002

Date Sampled 01/18/2002

Analysis for: NEWBOURNE OIL COMPANY

GPANGL L61

Well Name: ESPERANZA "15" STATE COM 12

Field: EAST CARLSBAD

Sta. Number:

Purpose: SPOT

Sampling Temp: 68 DEG F

Volume/day:

Pressure on Cylinder: 366 PSIG

Producer: NEWBOURNE OIL COMPANY

County: EDDY

State: NM

Sampled By: DON NORMAN

Atmos Temp: 50 DEG F

Formation:

Line Pressure: 379.2 PSIA

GAS COMPONENT ANALYSIS

Pressure Base: 14.7300

Mol % GPM

Real BTU Dry: 1047.10

Real BTU Wet: 1028.89

Real Calc. Specific Gravity: 0.5944

Field Specific Gravity: 0.0000

Carbon Dioxide CO2 0.3904

Standard Pressure: 14.6960

Nitrogen N2 0.2625

BTU Dry: 1044.69

BTU Wet: 1026.51

Methane C1 94.9255

Ethane C2 2.8440 0.7602

Propane C3 0.5985 0.1648

Iso-Butane IC4 0.0801 0.0262

Nor-Butane NC4 0.0955 0.0301

Iso-Pentane IC5 0.0413 0.0151

Nor-Pentane NC5 0.0242 0.0088

Hexanes Plus C6+ 0.2380 0.1038

Z Factor: 0.9978

N Value: 1.3025

Avg Mol Weight: 17.1845

Avg CuFt/Gal: 58.1782

26 Lb Product: 0.2096

Methane+ GPM: 17.1985

Ethane+ GPM: 1.1090

Propane+ GPM: 0.3488

Butane+ GPM: 0.1840

Pentane+ GPM: 0.1277

TOTAL 100.0000 1.1090

REMARKS:

H2S ON LOCATION: NONE DETECTED

CONFIDENTIAL

Approved by: DON NORMAN

Fri Jan 18 08:37:25 2002