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PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 731-8
Date Run 07/31/84
Date Sampled 07/30/84

Analysis For: McCLELLAN OIL CORP.

Lease: Vaneaton-Leyendecker

Location: Haystack Mtn.

Purpose: Well Test

Sampling Temp. 44 °F

Volume/day 200

Pressure on Bomb 200

Producer: McClellan Oil Corp.

County: Chaves State: New Mexico

Sampled By: Keltic Services

Atmos Temp. 90 °F

Formation: PENN.

PSIG; Line Pressure 213.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO₂

9.167

Oxygen O₂

.059

Nitrogen N₂

10.138

Hydrogen Sulfide H₂S

Methane C₁

72.804

Ethane C₂

3.940

Propane C₃

1.955

Isobutane IC₄

.360

Normal Butane NC₄

.741

Isopentane IC₅

.248

Normal Pentane NC₅

.265

Hexanes plus

.323

Heptanes C₆

Heptanes

Heptanes Plus C₇+

Total

100.000

14.620

Isopentane + G.P.M.

.336

Propane + GPM

1.226

Normal Gasoline

.957

BTU Dry

933

BTU Wet

919

Calc. Specific Gravity

.760

@ Std. Press. 14.696

BTU Dry

931

BTU Wet

914

Calc. Vap. Press. #/Sq.In.

Reid Vap. Press. #/Sq.In.

Z Factor

.9975

N Value

1.3031

Ave Mol Wt

21.9542

Ave Cu Ft/Gal

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM

2.280

Remarks: BTU Wet @14.73 from GPA Reference Bulletin 181--
82 Heating Value Conversion Table. Factor: .9849

Distribution:

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O. C. D.

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