

NEW-TEX

LAB

P. O. BOX 1161
HOBBS, N.M. 88240

No. 5660

Run No.

Date of Run 9-22-81

Date Secured 9-21-81

CERTIFICATE OF ANALYSIS

Sample of Aminoil Federal 30-1

Sourced from Davis Services Inc.,

Box 2033

Hobbs, NM 88240

Secured by

Time

Date

Sampling conditions Trap Press 670#

Temp.

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide

.763

Nitrogen

.774

Hydrogen

Hydrogen sulfide

Hydrogen

Methane

89.544

Ethane

6.169

Propane

1.697

Butanes

Isobutane

.222

Pentane

.440

Hexanes

Heptane

.121

Octane

.116

Nonanes

.087

Decanes

.067

Undecanes

Dodecane

100.000

Total

2.474

Calc. Sp. Gr. 0.6289

Calc. A.P.I.

Calc. Vapor Press. PSIA

Sp. Gr.

Mol. Wt. 18.24

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.

.466

Butanes Calc. G.P.M.

.210

Pentanes Plus. G.P.M.

.153

Ethane Calc. G.P.M.

1.645

RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis

1095

Wet Basis

1076

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

by R H Hamilton

Checked by Deane Simpson

Approved by

Additional Data and Remarks