



OF NEW MEXICO

P. O. BOX 1472

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No.

5612

Run No.

Date of Run

12-10-76

Date Secured

12-15-76

CERTIFICATE OF ANALYSIS

Sample of
Taken fromCITIES SERVICE Oil Co. ELIZONDO FEDA "4"
C. J. EST. ENGINEERING
412 N. D. Ave.
Hobbs, N. M. 88240

Secured by

Time

Date

Sampling conditions

Press.

Temp.

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide

1.022

Hydrogen

.371

Hydrogen

Hydrogen sulfide

Hydrogen

Methane

96.261

Ethane

1.357

Propane

.282

Butane

Pentane

Hexane

.016

.030

Heptane

Octane

Nonane

Decane

Undecane

Dodecane

Total

L

Anal.

Remarks

Calc. Sp. Gr.

0.5792

Calc. A.P.I.

Calc. Vapor Press.

PSIA

Sp. Gr.

Mol. Wt.

16.77

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.

Butanes Calc. G.P.M.

Pentanes Plus. G.P.M.

Ethane Calc. G.P.M.

RVP Gasoline G.P.M.

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

Dry Basis

Wet Basis

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

.078

.021

.009

.522

1030

1002

Additional Data and Remarks