



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4086

Run No.

Date of Run 9-8-75

Date Secured

CERTIFICATE OF ANALYSIS

Sample of Standard Com. #2 (Liquid) 6-11-18-26
Purchased from Mobil Oil Corporation
P. O. Box 1800 Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide			
Hydrogen			
Hydrogen sulfide			
Propane	.034	.011	.005
Isobutane	.042	.022	.011
Normal butane	.120	.065	.046
Isopentane	.093	.060	.047
Normal pentane	.232	.143	.117
Isopentane			
Normal pentane	.423	.303	.264
Isopentane	.413	.293	.258
Normal pentane	3.903	3.144	2.907
Isopentane	15.168	13.712	13.136
Normal pentane	79.572	82.247	83.209
TOTAL	100.00	100.00	100.00

Calc. Sp. Gr. 0.7045 (liquid)
Calc. A.P.I. 69.3
Calc. Vapor Press. 2.35 PSIA
Sp. Gr. C₆ + 0.7055 C₇ + 0.7068
Mol. Wt. 115.71 C₆ + 116.42 C₇ + 117.67

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 _____

by _____ Checked by _____ Approved by [Signature]

Additional Data and Remarks