UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499 PHONE 393-7751

HOBBS, NEW MEXICO 88240

KE-TONE®

No. 3617

Run No.

Date of Run 3-31-75

Date Secured 3-28-75

CERTIFICATE OF ANALYSIS

A Sample of Monsanto State #1 — Mesa Petroleum Company

Secured from West Engineering

At 412 N. Dal Paso Hobbs N. M. 88240 Secured by

Time Date

Sampling conditions Press

Temp

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.413		
Air			
Nitrogen	1.368		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	82.731		
Ethane	9.743		2.598
Propane	3.356		.924
Butanes			
Iso-Butane	.410		.134
N-Butane	.937		.295
Pentanes			
Iso-Pentane	.321		.135
N-Pentane	.341		.123
Hexanes	.196		.080
Heptanes Plus	.134		.057
TOTAL	100.000		4.346

Calc. Sp. Gr. 0.6847

Calc. A.P.I.

Calc. Vapor Press. PSIA

Sp. Gr.

Mol. Wt. 19.85

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	.924
Butanes Calc. G.P.M.	.429
Pentanes Plus. G.P.M.	.395
Ethane Calc. G.P.M.	2.598
___ RVP Gasoline G.P.M.	

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

Dry Basis	1181
Wet Basis	1160

Sulfur Analysis by Titration Gr./100 Cu. Ft.

Hydrogen Sulfide	
Mercaptans	
Sulfides	
Residual Sulfur	
Total Sulfur	

Run by [signature] Checked by Approved by

Additional Data and Remarks