

UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3921

Run No.

Date of Run 7/15/75

Date Secured

KE-TONE[®]

CERTIFICATE OF ANALYSIS

A Sample of Samedan Oil Corporation Carlsbad State No. 1
 Secured from Coleman Engineering
 At Hobbs, New Mexico Secured by _____
 Time _____ Date _____
 Sampling conditions _____ Press _____
 Temp. _____

Strawn Gas

RECEIVED

FRACTIONAL ANALYSIS

JUL 30 1975

Percentage Composition

O. C. C.
ARTESIA, OFFICE

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.682		
Air			
Nitrogen	.710		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	93.196		
Ethane	3.817		1.018
Propane	.869		.239
Butanes			
Iso-Butane	.189		.062
N-Butane	.209		.066
Pentanes			
Iso-Pentane	.095		.035
N-Pentane	.056		.020
Hexanes	.071		.029
Heptanes Plus	.106		.045
TOTAL	100.00		1.514

Calc. Sp. Gr. — 0.6036

Calc. A.P.I. —

Calc. Vapor Press. — PSIA

Sp. Gr.

Mol. Wt. 17.49

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .239

Butanes Calc. G.P.M. .128

Pentanes Plus. G.P.M. .129

Ethane Calc. G.P.M. 1.018

° RVP Gasoline G.P.M.

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

Dry Basis

1059

Wet Basis

1040

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Run by Deane Simpson Checked by _____ Approved by Deane Simpson

Additional Data and Remarks