



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 3960

Run No.

Date of Run. 7-24-75

Date Secured 7-24-75

CERTIFICATE OF ANALYSIS

Sample of Samedan Oil Co. Carlsbad State #1
Secured from Coleman Engineering

Secured by
Time Date

Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	1.353		
Air			
Nitrogen	.284		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	96.286		
Ethane	1.761		.470
Propane	.216		.059
Butanes			
iso-Butane	.029		.009
n-Butane	.026		.008
Pentanes			
iso-Pentane	.012		.004
n-Pentane	.005		.002
Hexanes Plus	.028		.011
Heptanes			
TOTAL	100.000		.563

Calc. Sp. Gr. 0.5806
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 16.83

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .059
Butanes Calc. G.P.M. .017
Pentanes Plus. G.P.M. .017
Ethane Calc. G.P.M. .470
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1013
Wet Basis 995
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Deane Simpson Checked by Approved by

Additional Data and Remarks