



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4989

Run No. _____

Date of Run 5-22-76

Date Secured _____

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company - State CT #1

Secured from West Engineering

At 412 N. Dal Paso

Hobbs, New Mexico 88240

Secured by _____

Time _____

Date _____

Sampling conditions _____

Press _____

Temp. _____

Upper & Lower Canyon

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	.127	
Air		
Nitrogen	1.461	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	80.523	
Ethane	10.949	2.920
Propane	4.362	1.201
Butanes		
Iso-Butane	.546	.178
N-Butane	1.297	.408
Pentanes		
Iso-Pentane	.266	.097
N-Pentane	.272	.098
Hexanes	.111	.046
Heptanes Plus	.086	.037
TOTAL	100.000	4.985

Calc. Sp. Gr. 0.6986

Calc. A.P.I. _____

Calc. Vapor Press. _____ PSIA

Sp. Gr. _____

Mol. Wt. 20.26

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. 1.201

Butanes Calc. G.P.M. .586

Pentanes Plus. G.P.M. .278

Ethane Calc. G.P.M. 2.920

_____ RVP Gasoline G.P.M.

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

Dry Basis 1208

Wet Basis 1187

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