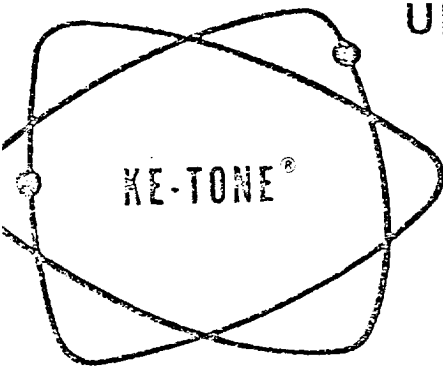




UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3346

Run No. _____

Date of Run 11-11-74

Date Secured 11-9-74

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Co. - GOVERNMENT "AA" #1

Secured from John West, Eng.

At 412 N. DAL PASO

Hobbs, N.M.

Secured by _____

Time _____

Date _____

Sampling conditions _____

Press _____

Temp. _____

(Wolfcamp)

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	<u>1.471</u>		
Air			
Nitrogen	<u>1.051</u>		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	<u>83.188</u>		
Ethane	<u>9.217</u>		<u>2.458</u>
Propane	<u>3.340</u>		<u>.920</u>
Butanes			
Iso Butane	<u>.386</u>		<u>.126</u>
N-Butane	<u>.814</u>		<u>.256</u>
Pentanes			
Iso-Pentane	<u>.159</u>		<u>.058</u>
N-Pentane	<u>.178</u>		<u>.064</u>
Hexanes	<u>.092</u>		<u>.038</u>
Heptanes	<u>.104</u>		<u>.044</u>
TOTAL	<u>100.000</u>		<u>3.964</u>

Calc. Sp. Gr. 0.6784

Calc. A.P.I. _____

Calc. Vapor Press. _____ PSIA

Sp. Gr. _____

Mol. Wt. 19.65

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 _____

1150

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide _____

Mercaptans _____

Sulfides _____

Residual Sulfur _____

Total Sulfur _____

Run by Sylvia Ann Bryant Checked by _____ Approved by _____

Additional Data and Remarks