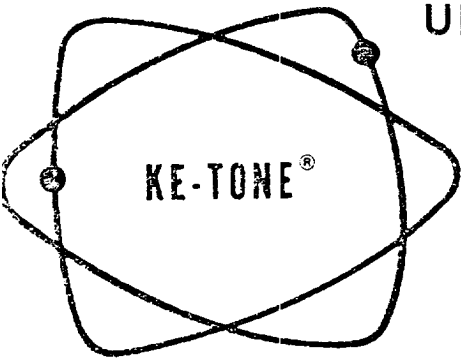




UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3670

Run No. _____

Date of Run 4-21-75

Date Secured 4-18-75

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company - Gov't AB #1
Secured from John West Engineering
At 418 N. Dal Paso Secured by _____
Hobbs, NM 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	.822		
Air			
Nitrogen	.485		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	90.829		
Ethane	5.620	1.499	
Propane	1.333	.367	
Butanes			
Iso-Butane	.202	.066	
N-Butane	.262	.082	
Pentanes			
Iso-Pentane	.118	.043	
N-Pentane	.082	.030	
Hexanes	.089	.037	
Heptanes	Plus .158	.067	
TOTAL	100.000	2.191	

Calc. Sp. Gr. 0.6207
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 18.01

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .367
Butanes Calc. G.P.M. .148
Pentanes Plus. G.P.M. .177
Ethane Calc. G.P.M. 1.499
_____ RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1086
Wet Basis 1067

Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Deane Simpson Checked by _____ Approved by [Signature]

Additional Data and Remarks