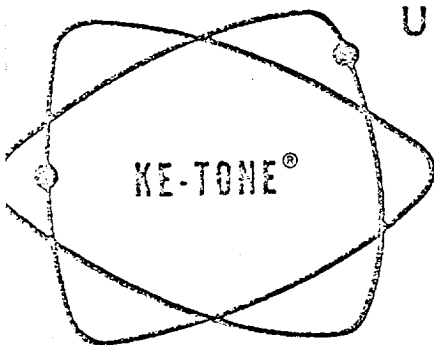




UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3230

Run No.

Date of Run 9-5-74

Date Secured 9-4-74

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company - Apexco Walterscherd #1
Secured from John West Engineering
At Hobbs, New Mexico Secured by Tyson
Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____ Morrow Gas

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	1.760	
Air	.556	
Nitrogen		
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	94.346	
Ethane	2.655	.708
Propane	.393	.108
Butanes		
Iso-Butane	.076	.025
N-Butane	.055	.017
Pentanes		
Iso-Pentane	.064	.023
N-Pentane	.034	.012
Hexanes	.034	.014
Heptanes	.027	.011
TOTAL	100.00	0.918

Calc. Sp. Gr. 0.5953
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 17.24

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .108
Butanes Calc. G.P.M. .042
Pentanes Plus. G.P.M. .060
Ethane Calc. G.P.M. .708
RVP Gasoline G.P.M. _____

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

Dry Basis 1021
Wet Basis 1003

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

By Sylvia Bryant Checked by _____ Approved by Tyson

Additional Data and Remarks