



# UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4761  
 Run No. \_\_\_\_\_  
 Date of Run 3-15-76  
 Date Secured 3-12-76

## CERTIFICATE OF ANALYSIS

Sample of Cities Service Oil Co. Government "AB" #1 (Wolfcamp)  
 Secured from John West Engineering  
412 N. Dal Paso Secured by \_\_\_\_\_  
Hobbs, New Mexico 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
 Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
 \_\_\_\_\_ Temp. \_\_\_\_\_

### FRACTIONAL ANALYSIS

#### Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.079		
Nitrogen	1.200		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	81.912		
Ethane	10.798		2.880
Propane	4.200		1.157
Butanes			
n-Butane	.479		.156
i-Butane	.923		.290
Pentanes			
n-Pentane	.154		.056
i-Pentane	.155		.056
Hexanes	.056		.023
Heptanes	.044		.019
TOTAL	100.000		4.637

Calc. Sp. Gr. — 0.6816  
 Calc. A.P.I. — \_\_\_\_\_  
 Calc. Vapor Press. — \_\_\_\_\_ PSIA  
 Sp. Gr. \_\_\_\_\_  
 Mol. Wt. 19.74

#### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.157  
 Butanes Calc. G.P.M. .446  
 Pentanes Plus. G.P.M. .154  
 Ethane Calc. G.P.M. 2.880  
 \_\_\_\_\_<sup>2</sup>RVP Gasoline G.P.M. \_\_\_\_\_  
 B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
 Dry Basis 1187  
 Wet Basis 1166  
 Sulfur Analysis by Titration  
 Gr./100 Cu. Ft. \_\_\_\_\_  
 Hydrogen Sulfide \_\_\_\_\_  
 Mercaptans \_\_\_\_\_  
 Sulfides \_\_\_\_\_  
 Residual Sulfur \_\_\_\_\_  
 Total Sulfur \_\_\_\_\_

Anal. by Deane Simpson Checked by \_\_\_\_\_ Approved by Deane Simpson

Additional Data and Remarks