



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4796

Run No. _____

Date of Run 3-24-76

Date Secured 3-20-76

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company CDM "A" #1
Secured from West Engineering Company
At 412 N. Dal Paso Secured by _____
Hobbs, New Mexico Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	.788		
Air			
Nitrogen	.788		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	94.616		
Ethane	2.802	.747	
Propane	.708	.195	
Butanes			
Iso-Butane	.092	.030	
N-Butane	.091	.029	
Pentanes			
Iso-Pentane	.031	.011	
N-Pentane	.018	.007	
Hexanes	.027	.011	
Heptanes	.039	.017	
TOTAL	100.00	1.047	

Calc. Sp. Gr. 0.5905
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 17.09

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .195
Butanes Calc. G.P.M. .059
Pentanes Plus. G.P.M. .046
Ethane Calc. G.P.M. .747
RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1034
Wet Basis 1016

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

Run by Deane Simpson Checked by _____ Approved by Deane Simpson

Additional Data and Remarks