



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 5529
Run No. _____
Date of Run 11-17-76
Date Secured 11-15-76

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company - State "CW"
Secured from West Engineering Company
At 412 N. Dal Paso Secured by Don Tyson
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.493		
Air			
Nitrogen	.246		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	93.460		
Ethane	4.457	1.189	
Propane	.984	.271	
Butanes			
Iso-Butane	.140	.046	
N-Butane	.111	.035	
Pentanes			
Iso-Pentane	.057	.021	
N-Pentane	.024	.009	
Hexanes Plus	.028	.011	
Heptanes			
TOTAL	100.000	1.582	

Calc. Sp. Gr. — 0.5968
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 17.27

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .271
Butanes Calc. G.P.M. .081
Pentanes Plus. G.P.M. .041
Ethane Calc. G.P.M. 1.189
_____ RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1060
Wet Basis 1041

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