



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4063

Run No.

Date of Run 8-30-75

Date Secured

CERTIFICATE OF ANALYSIS

Sample of Cities Service Oil Company - Little Box Canyon Unit
Secured from West Engineering
Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____
Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.364		
Nitrogen	1.109		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	93.032		
Ethane	3.878	1.034	
Propane	1.022	.281	
Butanes	.163		
Isobutane	.192	.053	
Normal Butane		.060	
Pentanes	.083		
Normal Pentane	.047	.030	
Isopentane	.047	.017	
Hexanes	.063	.020	
Heptanes		.026	
TOTAL	100.000	1.521	

Calc. Sp. Gr. — 0.6014
Calc. A.P.I. —
Calc. Vapor Press. — PSIA
Sp. Gr. —
Mol. Wt. — 17.41

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .281
Butanes Calc. G.P.M. .113
Pentanes Plus. G.P.M. .093
Ethane Calc. G.P.M. 1.034
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1056
Wet Basis 1038
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

by _____ Checked by _____ Approved by *[Signature]*

Additional Data and Remarks