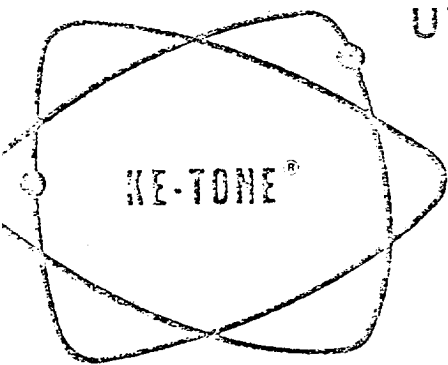




UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1497

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3723

Run No.

Date of Run

Date Secured

CERTIFICATE OF ANALYSIS

A Sample of CITIES SERVICE Oil Co. GOVERNMENT AC#
Secured from WEST ENGINEERING
At 412 N. DAL PASO Secured by _____
HOBBS, N. M. Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.287		
Air			
Nitrogen	1.393		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	90.310		
Ethane	5.596	1.492	
Propane	1.526	.420	
Butanes			
Iso-Butane	.262	.085	
N-Butane	.294	.092	
Pentanes			
Iso-Pentane	.113	.041	
N-Pentane	.076	.027	
Hexanes	.059	.024	
Heptanes	.084	.036	
TOTAL	100.000	2.217	

Calc. Sp. Gr. — 0.6198
Calc. A.P.I. —
Calc. Vapor Press. — P.S.I.A.
Sp. Gr. —
Mol. Wt. — 17.94

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .420
Butanes Calc. G.P.M. .177
Pentanes Plus. G.P.M. .128
Ethane Calc. G.P.M. 1.492
— RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1082
Wet Basis 1063

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

Run by Deane Livingston Approved by _____