



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6073

Run No.

Date of Run 5-24-77

Date Secured 5-23-77

CERTIFICATE OF ANALYSIS

A Sample of C. S. O. Government AB # 4
Secured from West Engineering Company
At 412 North 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	.150		
Air			
Nitrogen	1.288		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	78.176		
Ethane	12.897	3.440	
Propane	5.381	1.482	
Butanes			
Iso Butane	.491	.160	
N Butane	.863	.271	
Pentanes			
Iso-Pentane	.136	.050	
N-Pentane	.138	.050	
Hexanes	.396	.162	
Heptanes	Plus .084	.036	
TOTAL	100.000	5.651	

Calc. Sp. Gr. — 0.7122
Calc. A.P.I. —
Calc. Vapor Press. — PSIA
Sp. Gr. —
Mol. Wt. 20.63

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.482
Butanes Calc. G.P.M. .431
Pentanes Plus. G.P.M. .298
Ethane Calc. G.P.M. 3.440
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1231
Wet Basis 1209
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Debbie Moutray Checked by Approved by

Additional Data and Remarks