



# UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6286

Run No. \_\_\_\_\_

Date of Run 7-15-77

Date Secured \_\_\_\_\_

## CERTIFICATE OF ANALYSIS

Sample of Inexco Federal 7#1  
 secured from West Engineering  
412 North Dal Paso  
Hobbs, New Mexico 88240  
 Sampling conditions: \_\_\_\_\_ Press \_\_\_\_\_  
 \_\_\_\_\_ Temp. \_\_\_\_\_

Secured by \_\_\_\_\_  
 Time \_\_\_\_\_ Date \_\_\_\_\_

### FRACTIONAL ANALYSIS

#### Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.716		
Nitrogen	.528		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Ethane	91.853		
Propane	3.861		1.030
Isobutane	1.591		.438
Normal Butane	.247		.081
Normal Pentane	.529		.166
Normal Hexanes			
Normal Heptanes	.127		.046
Normal Octanes	.128		.046
Normal Nonanes	.090		.037
Normal Decanes	Plus .330		.140
TOTAL	100.000		1.984

Calc. Sp. Gr. @ 60°F 0.6242  
 Calc. A.P.I. \_\_\_\_\_  
 Calc. Vapor Press. @ 100°F \_\_\_\_\_ PSIA  
 Sp. Gr. @ 60°F \_\_\_\_\_  
 Mol. Wt. 18.11

#### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. \_\_\_\_\_  
 Butanes Calc. G.P.M. \_\_\_\_\_  
 Pentanes Plus G.P.M. \_\_\_\_\_  
 Ethane Calc. G.P.M. \_\_\_\_\_  
 Normal Hexanes G.P.M. \_\_\_\_\_  
 B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
 Dry Basis 1092  
 Wet Basis 1073  
 Sulfur Analysis by Titration  
 Gr./100 Cu. Ft. \_\_\_\_\_  
 Hydrogen Sulfide \_\_\_\_\_  
 Mercaptans \_\_\_\_\_  
 Sulfides \_\_\_\_\_  
 Residual Sulfur \_\_\_\_\_  
 Total Sulfur \_\_\_\_\_

Anal. by Debbie Moutray

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_