



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6829

Run No.

Date of Run 11-23-77

Date Secured 11-22-77

CERTIFICATE OF ANALYSIS

Sample of Pecos Federal Gas Com #1
Secured from Atlantic Richfield Company
P. O. Box 1710
Hobbs, New Mexico 88240
Sampling conditions Press
Temp.

ATTENTION: James Cogburn
Secured by
Time Date

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.410		
Nitrogen	1.144		
Oxygen			
Hydrogen sulfide			
Propane	83.837		
Isobutane	8.888		2.370
Normal butane	3.409		.939
Isopentane			
Normal pentane	.605		.197
Normal hexane	.962		.302
Normal heptane			
Normal octane	.219		.080
Normal nonane	.189		.068
Normal decane	.114		.047
Plus	.223		.095
TOTAL	100.000		4.098

Calc. Sp. Gr. — 0.6780

Calc. A.P.I. —

Calc. Vapor Press. — PSIA

Sp. Gr.

Mol. Wt. 19.65

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	.939
Butanes Calc. G.P.M.	.499
Pentanes Plus G.P.M.	.290
Ethane Calc. G.P.M.	2.370
RVP Gasoline G.P.M.	

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis

1173

Wet Basis

1152

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Anal. by Debbie Moutray Checked by Approved by Debbie Moutray

Additional Data and Remarks

1123dh