



UNITED CHEMICAL COMPANY, INC.

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6893
Run No. _____
Date of Run 12-9-77
Date Secured 12-9-77

CERTIFICATE OF ANALYSIS

A Sample of HONDC 22 STATE #1 SEC 22 T-195 R-28E
Secured from ATLANTIC RICHFIELD COMPANY
At P. O. BOX 1710 Secured by _____
HOBBS, NEW MEXICO 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

EDDY COUNTY, N. M.

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	<u>.449</u>		
Air			
Nitrogen	<u>1.823</u>		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	<u>88.501</u>		
Ethane	<u>6.086</u>		<u>1.623</u>
Propane	<u>2.242</u>		<u>.617</u>
Butanes			
Iso-Butane	<u>.265</u>		<u>.086</u>
N-Butane	<u>.339</u>		<u>.107</u>
Pentanes			
Iso Pentane	<u>.057</u>		<u>.021</u>
N Pentane	<u>.037</u>		<u>.013</u>
Hexanes	<u>.040</u>		<u>.016</u>
Heptanes	<u>PLUS .161</u>		<u>.069</u>
TOTAL	<u>✓ 100.000</u>		<u>2.552</u>

Calc. Sp. Gr. — 0.6326
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 18.34

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .617
Butanes Calc. G.P.M. .193
Pentanes Plus. G.P.M. .119
Ethane Calc. G.P.M. 1.623
RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1091
Wet Basis 1072

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

Run by L. Delia Montoya Checked by _____ Approved by _____

Additional Data and Remarks