

UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 373 7751

HOBBS, NEW MEXICO 88240

No. 2642

Run No. _____

Date of Run 9-4-73

Date Secured 9-3-73

CERTIFICATE OF ANALYSIS

A Sample of Mobil #1 State "QQ" Comm.
 Secured from Mobil Oil Corporation Attention: Joe Gordon
 At Hobbs, New Mexico Secured by _____
 Time 4:30 p.m. Date 9-3-73
 Sampling conditions Press 850 psig.
 Temp. South Carlsbad Morrow Pool

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	1.46		
Air			
Nitrogen	.22		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	95.72		
Ethane	2.00		.533
Propane	.26		.071
Butanes			
iso-Butane	.12		.039
N-Butane	.06		.019
Pentanes			
Iso-Pentane	.09		.033
N-Pentane	.05		.018
Hexanes Plus	.02		.008
Heptanes			
TOTAL	100.00		.721

Calc. Sp. Gr. 0.5870
 Calc. A.P.I. _____
 Calc. Vapor Press. _____ PSIA
 Sp. Gr. _____
 Mol. Wt. _____

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .071
 Butanes Calc. G.P.M. .058
 Pentanes Plus. G.P.M. .059
 Ethane Calc. G.P.M. .533
 _____ RVP Gasoline G.P.M. _____
 B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
 Dry Basis 1021
 Wet Basis 1003
 Sulfur Analysis by Titration
 Gr./100 Cu. Ft. _____
 Hydrogen Sulfide _____
 Mercaptans _____
 Sulfides _____
 Residual Sulfur _____
 Total Sulfur _____

Run by Deane Simpson Checked by _____ Approved by Deane Simpson

Additional Data and Remarks