



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

RECEIVED
PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6895

DEC 19 1977

Run No.

Date of Run 12-12-77

Date Secured 12-11-77

CERTIFICATE OF ANALYSIS

O. C. C.
ARTEGIA, OFFICE

A Sample of Mesa Petroleum Company Bogle State Gas Com # 1
Secured from Davis Services
At P.O. Box 2033 Secured by L. Davis
Hobbs, New Mexico 88240 Date 12-11-77
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.286		
Air			
Nitrogen	.483		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	88.708		
Ethane	6.189	1.651	
Propane	2.622	.722	
Butanes			
Isobutane	.379	.124	
N-Butane	.700	.220	
Pentanes			
Isopentane	.226	.083	
N-Pentane	.216	.078	
Hexanes	.110	.045	
Heptanes Plus	.081	.034	
TOTAL	100.000	2.957	

Calc. Sp. Gr. — 0.6429
Calc. A.P.I. —
Calc. Vapor Press. — PSIA
Sp. Gr. —
Mol. Wt. 18.64

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .722
Butanes Calc. G.P.M. .344
Pentanes Plus. G.P.M. .240
Ethane Calc. G.P.M. 1.651
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1133
Wet Basis 1113
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Debbie Moutray Checked by Approved by Debbie Moutray

Additional Data and Remarks