

P. O. BOX 1495

PHONE 393-7751

HOBBS, NEW MEXICO 88200

No. 2846

Run No.

Date of Run 12/27/73

Date Secured 12/26/73

RECEIVED

CERTIFICATE OF ANALYSIS

JAN 7 1974

A Sample of Federal 4 Comm
Secured from Mobil Oil CorporationD. C. C.
ARTESIA, OFFICEAt Hobbs, New Mexico Secured by
Time DateSampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.87		
Nitrogen	2.25		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Propane	91.41		
Isobutane	3.84	1.024	
Normal butane	.86	.236	
Pentanes	.17	.055	
Hexanes	.18	.056	
Heptanes			
Octanes			
Nonanes			
Tenanes			
Elevenanes			
Twelveanes			
Thirteenanes			
Fourteenanes			
Fifteenanes			
Sixteenanes			
Seventenanes			
Eighteenanes			
Nineteenanes			
Twentyanes			
TOTAL	100.00	1.530	

Calc. Sp. Gr. 0.6126

Calc. A.P.I.

Calc. Vapor Press. P.S.I.A.

Sp. Gr.

Mol. Wt.

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .236

Butanes Calc. G.P.M. .111

Pentanes Plus. G.P.M. .159

Ethane Calc. G.P.M. 1.024

RVP Gasoline G.P.M.

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

Dry Basis 1043

Wet Basis 1024

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Run by Deane Simpson

Checked by

Approved by

Additional Data and Remarks