

**NEW-TEX
LAB**P. O. BOX 1161
HOBBS, N.M. 88240No. 3105
Run No. _____
Date of Run 5-14-80
Date Secured 5-14-80**CERTIFICATE OF ANALYSIS**

A Sample of Gulf Oil Corp. Federal Com 4 #1
Secured from Davis Services
At Box 2033 Secured by _____
Hobbs, NM 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS**Percentage Composition**

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.442		
Air			
Nitrogen	.524		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	89.195		
Ethane	5.345		1.426
Propane	2.562		.703
Butanes			
Iso-Butane	.423		.138
N-Butane	.905		.285
Pentanes			
Iso-Pentane	.259		.095
N-Pentane	.246		.089
Hexanes	.060		.025
Heptanes	.039		.018
Octanes			
TOTAL	100.000		2.779

Calc. Sp. Gr. — 0.6427
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 18.63

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .703
Butanes Calc. G.P.M. .423
Pentanes Plus. G.P.M. .227
Ethane Calc. G.P.M. 1.426
_____ RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 Btu./P.S.I.A. _____
Dry Basis 1128
Wet Basis 1108
Sulfur Analysis by Titration _____
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Teresa Porter Checked by Deane Simpson Approved by Deane Simpson

Additional Data and Remarks