



OF NEW MEXICO

P. O. BOX 1497

PHONE (505) 323-772

HOBBS, NEW MEXICO 88240

No. 5170
Run No. _____
Date of Run 7-23-76
Date Secured 7-23-76

CERTIFICATE OF ANALYSIS

Sample of Cities Service Oil Company - Government "OU"
Purchased from Technical Engineering
412 N. Del Rio
Hobbs, N.M. 88240
Secured by _____
Time _____ Date _____
Sampling conditions _____
Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.221		
Hydrogen	.510		
Hydrogen sulfide			
Propane	42.623		
Isobutane	2.442		1.105
Normal butane	1.119		.337
Isopentane			
Normal pentane	.157		.051
Isopentane	.206		.065
Hexanes			
Normal hexane	.072		.023
Isopentane	.051		.018
Heptanes	.037		.016
Isopentanes	.074		.031
Residual	100.552		1.425

Calc. Sp. Gr. 0.6257
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 125.4

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. .308
Butanes Calc. G.P.M. .116
Pentanes Plus. G.P.M. .091
Ethane Calc. G.P.M. 1.105
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.596 P.S.I.A.
Dry Basis 1060
Wet Basis 1041
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

by John Simpson Checked by _____ Approved by _____

Additional Data and Remarks