

NEW-TEX LAB

P. O. BOX 1181
HOBBS, N.M. 88240

No. 1903
Run No.
Date of Run 11-15-79
Date Secured 11-15-79

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company Government "U" #1
Secured from West Engineering
At 412 North Dal Paso Secured by
Hobbs, N. M. 88240 Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	Nil		
Air			
Nitrogen	1.137		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	82.674		
Ethane	10.131		2.702
Propane	3.894		1.072
Butanes			
Iso-Butane	.437		.143
N-Butane	1.111		.349
Pentanes			
Iso-Pentane	.189		.069
N-Pentane	.217		.078
Hexanes	.101		.041
Heptanes	.109		.046
Octanes			
TOTAL	100.000		4.500

Calc. Sp. Gr. 0.6811

Calc. A.P.I. —

Calc. Vapor Press. —

PSIA

Sp. Gr. —

Mol. Wt. 19.75

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.072

Butanes Calc. G.P.M. .492

Pentanes Plus. G.P.M. .234

Ethane Calc. G.P.M. 2.702

RVP Gasoline G.P.M.

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

Dry Basis

1189

Wet Basis

1168

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