

NEW-TEX
LAB

P. O. BOX 1161
HOBBBS, N.M. 88240

RECEIVED

MAY 16 1979

O. C. C.

ARTESIA, OFFICE

CERTIFICATE OF ANALYSIS

No. 1215

Run No.

Date of Run 5-4-79

Date Secured 5-4-79

A Sample of Cities Service Oil Company Government AC #1 N-15-20.28
Secured from West Engineering
At 412 N. Dal Paso Secured by
Hobbs, N. M. 88240 Time Date
Sampling conditions Press WC FS 9/13-79
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.144		
Air			
Nitrogen	1.391		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	82.671		
Ethane	10.953		2.921
Propane	3.600		.991
Butanes			
Iso-Butane	.351		.115
N-Butane	.694		.218
Pentanes			
Iso-Pentane	.112		.041
N-Pentane	.099		.036
Hexanes	.033		.014
Heptanes	.042		.018
Octanes			
TOTAL	100.000		4.354

Calc. Sp. Gr. 0.6693

Calc. A.P.I.

Calc. Vapor Press. PSIA

Sp. Gr.

Mol. Wt. 12.28

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .991

Butanes Calc. G.P.M. .333

Pentanes Plus. G.P.M. .109

Ethane Calc. G.P.M. 2.921

RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.69% P.S.I.A.

Dry Basis

Wet Basis

1165

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Run by Deane Simpson Checked by Deane Simpson Approved by Deane Simpson

Additional Data and Remarks