

NEW-TEX LAB

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

CERTIFICATE OF ANALYSIS

No. 4813

Run No.

Date of Run 4-17-81

Date Secured 4-16-81

Sample of Cities Service Oil Co.

Brantley "A" #1

Secured from John West Engineering

412 N. Dal Paso

Secured by

Hobbs, NM 88240

Time

Date

Sampling conditions Press

Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.834		
Nitrogen	.308		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Ethane	96.401		
Propane	1.856		.495
Isobutane	.386		.106
Normal Butane	.051		.017
Isobutane	.042		.013
Pentanes			
Normal Pentane	.021		.008
Isopentane	.007		.003
Hexanes	Plus .094		.039
Heptanes			
Octanes			
TOTAL	100.000		.681

Calc. Sp. Gr. 0.5803

Calc. A.P.I.

Calc. Vapor Press. PSIA

Sp. Gr.

Mol. Wt. 16.82

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. .106

Butanes Calc. G.P.M. .030

Pentanes Plus. G.P.M. .050

Ethane Calc. G.P.M. .495

RVP Gasoline G.P.M.

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

Dry Basis

1025

Wet Basis

1007

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Anal. by Deane Simpson

Checked by

Approved by

Additional Data and Remarks