

**NEW-TEX
LAB**

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

No. 4636
Run No. _____
Date of Run 3-16-81
Date Secured 3-16-81

CERTIFICATE OF ANALYSIS

Sample of Cities Service Oil Co. State CZ #1
 Secured from West Engineering
412 N. Dal Paso
Hobbs, NM 88240
 Secured by _____
 Date _____
 Sampling conditions _____
 Press _____
 Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.699		
Nitrogen	.385		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	90.292		
Ethane	6.409		1.709
Propane	1.359		.373
Isobutanes			
n-Butane	.159		.052
i-Butane	.363		.114
Pentanes			
n-Pentane	.085		.031
i-Pentane	.064		.023
Hexanes	.041		.017
Heptanes	.144		.066
Octanes			
TOTAL	100.000		2.385

Calc. Sol. Gr. — 0.6216
 Calc. A.P.I. — _____
 Calc. Vapor Press. — _____ PSIA
 Sp. Gr. _____
 Mol. Wt. 18.03

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .373
 Butanes Calc. G.P.M. .166
 Pentanes Plus, G.P.M. .137
 Ethane Calc. G.P.M. 1.709
 RVP Gasoline G.P.M. _____
 B.T.U. Cu. Ft. @ 14.696 P.S.I.A.
 Dry Basis 1092
 Wet Basis 1073
 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