

NEW-TEX LAB

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

No. 4444
Run No. _____
Date of Run 1-28-81
Date Secured 1-27-81

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company Government "Y" Well #2
Secured from West Engineering
At 412 No. Dal Paso St. Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	<u>1.565</u>		
Air			
Nitrogen	<u>3.569</u>		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	<u>68.744</u>		
Ethane	<u>15.648</u>		<u>4.173</u>
Propane	<u>6.594</u>		<u>1.810</u>
Butanes			
Iso-Butane	<u>.805</u>		<u>.263</u>
N-Butane	<u>1.750</u>		<u>.550</u>
Pentanes			
Iso-Pentane	<u>.326</u>		<u>.119</u>
N-Pentane	<u>.356</u>		<u>.129</u>
Hexanes	<u>.204</u>		<u>.084</u>
Heptanes Plus	<u>.439</u>		<u>.202</u>
Octanes			
TOTAL	<u>100.000</u>		<u>7.330</u>

Calc. Sp. Gr. — 0.7900
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 22.95

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.810
Butanes Calc. G.P.M. .813
Pentanes Plus. G.P.M. .534
Ethane Calc. G.P.M. 4.173
RVP Gasoline G.P.M. _____
B.T.U. Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1281
Wet Basis 1259
Sulfur Analysis by Titration
Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Dean Simpson Checked by _____ Approved by Dean Simpson

Additional Data and Remarks