

NEW-TEX LAB

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

CERTIFICATE OF ANALYSIS

No. 5242
Run No. _____
Date of Run 7-30-81
Date Secured 7-30-81

Sample of Cities Service Oil Company State "DA" #1
Purchased from John West Engineering
412 No. Dal Paso St.
Hobbs, New Mexico 88240
Secured by _____
Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	<u>.744</u>		
Hydrogen	<u>.309</u>		
Hydrogen sulfide			
Ethane	<u>93.776</u>		
Propane	<u>3.987</u>		<u>1.063</u>
Butane	<u>.558</u>		<u>.153</u>
Pentanes			
Butane	<u>.169</u>		<u>.055</u>
Butane	<u>.255</u>		<u>.080</u>
Pentanes			
Pentane	<u>.097</u>		<u>.035</u>
Pentane	<u>.073</u>		<u>.026</u>
Hexanes	<u>.011</u>		<u>.005</u>
Hexanes Plus	<u>.021</u>		<u>.010</u>
Hexanes			
Total	<u>100.000</u>		<u>1.432</u>

Calc. Sp. Gr. 0.5974
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 17.31

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .153
Butanes Calc. G.P.M. .135
Pentanes Plus. G.P.M. .076
Ethane Calc. G.P.M. 1.063
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1054
Wet Basis 1035
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

by R. H. Hamilton Checked by Deane Simpson Approved by Deane Simpson

Additional Data and Remarks