

**NEW-TEX
LAB**P. O. BOX 1161
HOBBS, N.M. 88240No. 3440
Run No. _____
Date of Run 6-16-80
Date Secured 6-13-80**CERTIFICATE OF ANALYSIS**

A Sample of Mesa Petroleum Antelope Fed. #1
Secured from Davis Services
At Box 2033 Secured by _____
Hobbs, NM 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS**Percentage Composition**

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	<u>10.006</u>		
Air			
Nitrogen	<u>12.424</u>		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	<u>70.724</u>		
Ethane	<u>4.885</u>		<u>1.303</u>
Propane	<u>1.102</u>		<u>.302</u>
Butanes			
Iso-Butane	<u>.169</u>		<u>.055</u>
N-Butane	<u>.371</u>		<u>.117</u>
Pentanes			
Iso-Pentane	<u>.088</u>		<u>.032</u>
N-Pentane	<u>.092</u>		<u>.033</u>
Hexanes	<u>.080</u>		<u>.033</u>
Heptanes	<u>.059</u>		<u>.027</u>
Octanes			
TOTAL	<u>100.000</u>		<u>1.902</u>

Calc. Sp. Gr. — 0.860
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. _____

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .302
Butanes Calc. G.P.M. .172
Pentanes Plus. G.P.M. .125
Ethane Calc. G.P.M. 1.303
_____ RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 860
Wet Basis 845

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