

**NEW-TEX
LAB**

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

No. 3856
Run No. _____
Date of Run 8-27-80
Date Secured 8-26-80

CERTIFICATE OF ANALYSIS

A Sample of Western Oil Prod. Woolworth Ranch Unit #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	.501	
Air		
Nitrogen	.853	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	91.473	
Ethane	3.915	1.044
Propane	1.801	.494
Butanes		
Iso-Butane	.336	.110
N-Butane	.635	.200
Pentanes		
Iso-Pentane	.197	.072
N-Pentane	.119	.043
Hexanes	.077	.032
Heptanes Plus	.093	.043
Octanes		
TOTAL	100.000	2.038

Calc. Sp. Gr. 0.6231
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 18.07

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .494
Butanes Calc. G.P.M. .310
Pentanes Plus. G.P.M. .190
Ethane Calc. G.P.M. 1.044
RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1091
Wet Basis 1072

Sulfur Analysis by Titration
Gr. 100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Teresa McKee Checked by Deane Simpson Approved by Deane Simpson

Additional Data and Remarks