



OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 5319
Run No. _____
Date of Run 1-12-76
Date Secured _____

CERTIFICATE OF ANALYSIS

Sample of Petroleum #1
Purchased from South West Engineering
413 N. Dill Paso Secured by _____
Hobbs, N.M. 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	<u>.879</u>		
Hydrogen	<u>1.239</u>		
Hydrogen sulfide			
Propane	<u>92.315</u>		
Isobutane	<u>4.123</u>		<u>1.101</u>
Normal butane	<u>.35</u>		<u>.211</u>
Isopentane	<u>.123</u>		<u>.050</u>
Normal pentane	<u>.123</u>		<u>.039</u>
Isopentane	<u>.103</u>		<u>.058</u>
Normal pentane	<u>.109</u>		<u>.051</u>
Isopentane	<u>.056</u>		<u>.033</u>
Normal pentane	<u>.057</u>		<u>.034</u>
Residual	<u>1.17</u>		<u>1.522</u>

Calc. Sp. Gr. 0.6064
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 12.57

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .211
Butanes Calc. G.P.M. .096
Pentanes Plus. G.P.M. .134
Ethane Calc. G.P.M. 1.121
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 10.19
Wet Basis 10.31
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

by John Dwyer Checked by _____ Approved by _____

Additional Data and Remarks