



No. 3430
Run No. _____
Date of Run 6-13-80
Date Secured 6-11-80

CERTIFICATE OF ANALYSIS

A Sample of Mesa Petroleum White State #1
Secured from Davis Serv.
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	2.078	
Air		
Nitrogen	9.237	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	80.456	
Ethane	6.454	1.721
Propane	1.074	.295
Butanes		
Iso-Butane	.126	.041
N-Butane	.349	.110
Pentanes		
Iso-Pentane	.079	.029
N-Pentane	.080	.029
Hexanes Plus	.067	.027
Heptanes		
Octanes		
TOTAL	100.000	2.252

Calc. Sp. Gr. — 0.6655
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 19.27

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	.295
Butanes Calc. G.P.M.	.151
Pentanes Plus. G.P.M.	.085
Ethane Calc. G.P.M.	1.721
RVP Gasoline G.P.M.	

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 978
Wet Basis 961
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