



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P.O. BOX 1299

PHONE 505-393-7751

HOBBS, NEW MEXICO 88240

No. 4173

Run No.

Date of Run 10-1-75

Date Secured 10-1-75

CERTIFICATE OF ANALYSIS

A Sample of Yates Petroleum Corp. - Scout Federal "EH" #2
Secured from Coleman Engineering
At Box 1829
Hobbs, New Mexico
Secured by _____ Date _____
Time _____
Sampling conditions _____
Press. _____
Temp. _____
Atoka Gas

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	1.500		
Air			
Nitrogen	.918		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	91.662		
Ethane	3.827	1.023	
Propane	1.203	.331	
Butane			
iso-Butane	.267	.087	
N-Butane	.279	.088	
Pentanes			
iso-Pentane	.151	.055	
N-Pentane	.074	.027	
Hexanes	.033	.014	
Heptanes	.076	.032	
TOTAL	100.00	1.657	

Calc. Sp. Gr. 0.6176
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 17.90

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .331
Butanes Calc. G.P.M. .175
Pentanes Plus. G.P.M. .128
Ethane Calc. G.P.M. 1.023
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1056
Wet Basis 1037
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Deane Simpson

Checked by _____

Approved by _____

Additional Data and Remarks