

NEW-TEX LAB

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

CERTIFICATE OF ANALYSIS

No. 4581
Run No. 3-381
Date of Run 3-2-81
Date Secured 3-2-81

A Sample of J.G. O'Brian #1 E 31-7-29 L. Elkins Fusa
Secured from Enserch Exploration
At Box 4815 Secured by P. 7741-45
Midland, TX 79701 Time Date
Sampling conditions Press Temp.

FRACTIONAL ANALYSIS

MAR 09 1981

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	2.434		
Ar			
Nitrogen	6.592		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	74.179		
Ethane	10.199	2.720	
Propane	4.295	1.179	
Butanes			
Iso-Butane	.652	.213	
N-Butane	1.165	.366	
Pentanes			
Iso-Pentane	.196	.072	
N-Pentane	.148	.059	
Hexanes	.067	.027	
Heptanes	.072	.033	
Octanes			
TOTAL	100.000	4.663	

Calc. Sp. Gr. — 0.7323
Calc. A.P.I. —
Calc. Vapor Press. — PSIA
Sp. Gr. —
Mol. Wt. 21.22

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.179
Butanes Calc. G.P.M. .579
Pentanes Plus. G.P.M. .191
Ethane Calc. G.P.M. 2.720
RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1117
Wet Basis 1097

Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide..... 10 Grains
Mercaptans 158 PPM
Sulfides 0.0158 Mol %
Residual Sulfur
Total Sulfur

Run by Deane Simpson Checked by Approved by Deane Simpson

Additional Data and Remarks