



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

RECEIVED

OCT 6 1977

No. 6479

Run No.

Date of Run 8-30-77

Date Secured

CERTIFICATE OF ANALYSIS

O. C. C.
ARTESIA, OFFICE

Sample of Gulf Oil North Shuggart Deep WI #1
Secured from Testers Incorporated
at Box 2099 Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.718		
Air			
Nitrogen	.618		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	84.393		
Ethane	7.608	2.029	
Propane	3.992	1.099	
Butanes			
iso-Butane	.521	.170	
N-Butane	1.197	.376	
Pentanes			
iso-Pentane	.246	.090	
N-Pentane	.276	.100	
Hexanes	.117	.048	
Heptanes	Plus .314	.134	
TOTAL	100.000		4.046

Calc. Sp. Gr.—0.6850

Calc. A.P.I.—

Calc. Vapor Press.— PSIA

Sp. Gr.

Mol. Wt. 19.87

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M.	1.099
Butanes Calc. G.P.M.	.546
Pentanes Plus. G.P.M.	.372
Ethane Calc. G.P.M.	2.029
RVP Gasoline G.P.M.	
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.	
Dry Basis	1185
Wet Basis	1164
Sulfur Analysis by Titration	
Gr./100 Cu. Ft.	
Hydrogen Sulfide	
Mercaptans	
Sulfides	
Residual Sulfur	
Total Sulfur	

Run by Debbie Moutray Checked by _____ Approved by Debbie Moutray

Additional Data and Remarks