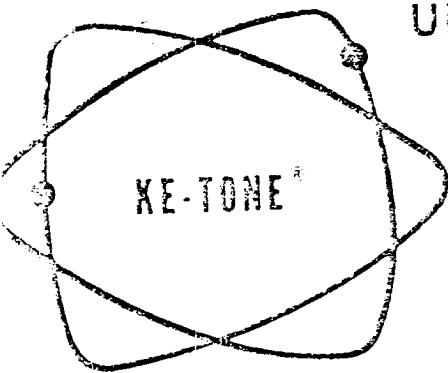




UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3274

Run No. _____

Date of Run 10-8-74

Date Secured 10-7-74

CERTIFICATE OF ANALYSIS

A Sample of Hando Drilling - Union State T.X. Com. #1
Obtained from John West Engineering
At 412 N. DAL PASO
Hobbs, N.M. Secured by _____
Time _____ Date _____

Sampling conditions _____
Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	<u>2.568</u>	
Air		
Nitrogen	<u>.479</u>	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	<u>88.003</u>	
Ethane	<u>6.119</u>	<u>1.632</u>
Propane	<u>1.897</u>	<u>.522</u>
Butanes		
Isobutane	<u>.246</u>	<u>.080</u>
Normal butane	<u>.417</u>	<u>.131</u>
Pentanes		
Isopentane	<u>.114</u>	<u>.042</u>
Normal pentane	<u>.094</u>	<u>.034</u>
Hexanes	<u>.056</u>	<u>.023</u>
Heptanes	<u>.007</u>	<u>.003</u>
TOTAL	<u>100.000</u>	<u>2.467</u>

Calc. Sp. Gr. 0.6438

Calc. A.P.I. _____

Calc. Vapor Press. _____ PSIA

Sp. Gr. _____

Mol. Wt. 18.65

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	<u>.522</u>
Butanes Calc. G.P.M.	<u>.211</u>
Pentanes Plus. G.P.M.	<u>.102</u>
Ethane Calc. G.P.M.	<u>1.632</u>
_____ RVP Gasoline G.P.M.	

BTU/Cu. Ft. @ 14.675 P.S.I.A.

Dry Basis

1078

Wet Basis

1059

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Run by Lyle Ann Bryant

Checked by _____

Approved by _____

Additional Data and Remarks