



UNIT 3 CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

RECEIVED

DEC 15 1976

No. 5548
Run No. _____
Date of Run 11-29-76
Date Secured 11-29-76

CERTIFICATE OF ANALYSIS

O. C. C.

Depco Inc. **ARTESIA, OFFICE**

A Sample of Bogle State #1
Secured from Jarrel Services
At Box 1654
Hobbs, New Mexico 88240
Sampling conditions Press
Temp
Secured by _____
Time _____ Date _____
Chaves County - Buffalo Valley
Morrow Gas

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.254		
Air			
Nitrogen	1.243		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	80.042		
Ethane	11.610		3.096
Propane	4.747		1.307
Butanes			
Iso-Butane	.580		.189
N-Butane	.740		.233
Pentanes			
Iso-Pentane	.284		.104
N-Pentane	.230		.083
Hexanes	.126		.052
Heptanes	.144		.061
TOTAL	100.000		5.125

Calc. Sp. Gr. — 0.6996
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 20.27

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.307
Butanes Calc. G.P.M. .422
Pentanes Plus. G.P.M. .300
Ethane Calc. G.P.M. 3.096
RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1210
Wet Basis 1189

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/mcf

Additional Data and Remarks