



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

RECEIVED

No. 7637

Run No.

Date of Run 7-18-78

Date Secured 7-18-78

CERTIFICATE OF ANALYSIS

AUG - 7 1978

O. C. C.
ARTICIA, OFFICE

Sample of Sundance Federal "A" #1
Secured from Jarrel Services
Box 1654
Hobbs, New Mexico 88240
Secured by
Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	1.933		
Nitrogen	3.611		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Ethane	75.541		
Propane	9.932	2.649	
Butane	5.960	1.641	
Pentanes			
o-Butane	.577	.188	
i-Butane	1.528	.480	
Pentanes			
o-Pentane	.324	.118	
i-Pentane	.314	.113	
Hexanes	.112	.046	
Heptanes	.168	.071	
TOTAL	100.000		5.306

Calc. Sp. Gr. 0.7434
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 21.56

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.641
Butanes Calc. G.P.M. .668
Pentanes Plus. G.P.M. .348
Ethane Calc. G.P.M. 2.649
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1198
Wet Basis 1177
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Anal. by Deane Simpson Checked by Approved by Deane Simpson

Additional Data and Remarks

ka 7-18-78