



K.E. TONE & SONS

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4733

Run No.

Date of Run 3-2-76

Date Secured 3-1-76

CERTIFICATE OF ANALYSIS

A Sample of Golden Federal #1 *NRM Pet. Corp. Golden Fed. #1-D-33-20-30*
Secured from West Engineering
At 412 N. Dal Paso Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. *Strawn Temp 11117-133*

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.147		
Air			
Nitrogen	1.537		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	80.819		
Ethane	13.273		3.540
Propane	2.880		.793
Butanes			
iso-Butane	.355		.116
n-Butane	.674		.212
Pentanes			
iso-Pentane	.127		.046
n-Pentane	.127		.046
Hexanes	.040		.016
Heptanes	.021		.009
TOTAL	100.000		4.778

Calc. Sp. Gr. — 0.6754

Calc. A.P.I. —

Calc. Vapor Press. — PSIA

Sp. Gr. —

Mol. Wt. 19.55

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .793

Butanes Calc. G.P.M. .328

Pentanes Plus. G.P.M. .117

Ethane Calc. G.P.M. 3.540

RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis 1173

Wet Basis 1156

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*

Additional Data and Remarks