

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Company Government "AN" #1
Secured from John West Engineering
At 412 N. Dal Paso Secured by
Hobbs, NM 88240 Time Date
Sampling conditions Press
Temp.
Station No.

FRACTIONAL ANALYSIS

Percentage Composition		
	MOL %	LIQ. %
		G.P.M.
Carbon Dioxide	.884	
Air		
Nitrogen	1.293	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	88.749	
Ethane	5.538	1.477
Propane	2.003	.550
Butanes		
Iso-Butane	.399	.130
N-Butane	.491	.154
Pentanes		
Iso-Pentane	.199	.073
N-Pentane	.101	.037
Hexanes	Plus.343	.141
Heptanes		
Octanes		
TOTAL	100.000	2.562

Calc. Sp. Gr.— 0.6412
Calc. A.P.I.—
Calc. Vapor Press.— PSIA
Sp. Gr.
Mol. Wt. 18.57

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	.550
Butanes Calc. G.P.M.	.284
Pentanes Plus. G.P.M.	.251
Ethane Calc. G.P.M.	1.477
RVP Gasoline G.P.M.	

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1103
Wet Basis 1084

Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by R H Hamilton Checked by Deane Simpson Approved by Deane Simpson

Additional Data and Remarks