



No. 6010
Run No.
Date of Run 11-10-81
Date Secured 11-9-81

CERTIFICATE OF ANALYSIS

A Sample of Cities Service Oil Co. "AL" #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	.771		
Air			
Nitrogen	.378		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	91.457		
Ethane	4.978		1.328
Propane	1.549		.425
Butanes			
Iso-Butane	.239		.078
N-Butane	.329		.103
Pentanes			
Iso-Pentane	.111		.041
N-Pentane	.091		.033
Hexanes Plus	.097		.040
Heptanes			
Octanes			
TOTAL	100.000		2.048

Calc. Sp. Gr. 0.6167
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 17.86

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .425
Butanes Calc. G.P.M. .181
Pentanes Plus. G.P.M. .114
Ethane Calc. G.P.M. 1.328
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1082
Wet Basis 1064
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Deane Simpson Checked by Approved by

Additional Data and Remarks