



UNICHEM
INTERNATIONAL

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CERTIFICATE OF ANALYSIS

No. 7961
Run No. 10-13-78
Date of Run 10-13-78
Date Secured 10-14-78

Sample of Cities Service Oil Company State "P" #2
Secured from West Engineering
At 412 N. Dal Paso
Hobbs, N. M. 88240
Sampling conditions Press _____ Date _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	.046	
Nitrogen	6.142	
Oxygen		
Hydrogen sulfide		
Propane	80.353	
Isobutane	8.408	2.242
Normal butane	3.306	.910
Pentane		
Hexane	.264	.086
Heptane	.777	.244
Octanes		
Nonane		
Decane	.154	.056
Undecane	.192	.069
Dodecane	.122	.050
Tridecane	.235	.100
Al	100.000	3.757

Calc. Sp. Gr. 0.6834
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. _____

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .910
Butanes Calc. G.P.M. .330
Pentanes Plus. G.P.M. .275
Ethane Calc. G.P.M. 2.242
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1111
Wet Basis 1092
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

by Deane Simpson

Checked by _____

Approved by _____

Deane Simpson

Additional Data and Remarks

RECEIVED

OCT 19 1978

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