



UNITED CHEMICALS COMPANY
OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6894
Run No. _____
Date of Run 12-12-77
Date Secured 12-9-77

CERTIFICATE OF ANALYSIS

Sample of CITIES SERVICE LITTLE BOX CANYON #3
Secured from JOHN WEST ENGINEERING
412 N. DAL PASO Secured by _____
HOBBS, NM 88240 Time _____ Date 12-9-77
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	<u>.241</u>		
Nitrogen	<u>2.345</u>		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	<u>81.970</u>		
Propane	<u>8.651</u>	<u>2.307</u>	
Butane	<u>3.850</u>	<u>1.060</u>	
Pentanes			
Hexanes	<u>.652</u>	<u>.213</u>	
Heptanes	<u>1.241</u>	<u>.390</u>	
Octanes			
Nonanes			
Decanes	<u>.329</u>	<u>.120</u>	
Undecanes	<u>.325</u>	<u>.117</u>	
Dodecane	<u>.183</u>	<u>.075</u>	
Tridecane	<u>.213</u>	<u>.091</u>	
PLUS			
TOTAL	<u>✓ 100.000</u>		<u>4.373</u>

Calc. Sp. Gr. 0.6952
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 20.16

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.060
Butanes Calc. G.P.M. .603
Pentanes Plus. G.P.M. .403
Ethane Calc. G.P.M. 2.307
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1185
Wet Basis 1169
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Debbie Montoya Checked by _____ Approved by _____

Additional Data and Remarks