

Sample From: <u>State Cy #1</u>						Sample No. <u>41975</u>	
Owner: <u>Cities Service</u>				State: <u>NM</u>	County: <u>Eddy</u>		
Location or Field: <u>Pardon Flat</u>		Formation: <u>Wellcamp</u>		Depth:	From:		
Date Secured: <u>7-24-74</u>		Secured By: <u>Day</u>		Department:			
Date Run: <u>7-25-74</u>		Run By: <u>Bond</u>		Checked By:			
Source Press.		Bomb Press.		Source Temp.		Atmos. Temp.	
SULPHUR - GRS. PER 100 cu. Ft.		Hydrogen Sulphide: <u>.23 GRS</u>		Mercaptan: <u>.13 GRS</u>		Total: <u>.41 GRS</u>	
Sweet							

COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	CPM	BTU	Sp. Gr.
Helium HE_2							
Hydrogen Sulphide H_2S							
Carbon Dioxide CO_2	<u>.2217</u>		<u>.08</u>	<u>.108</u>			<u>1.001</u>
Nitrogen N_2	<u>24707</u>		<u>1.24</u>	<u>1.24</u>			<u>1.013</u>
Methane C_1	<u>164,9032</u>		<u>85.14</u>	<u>84.12</u>		<u>851.27</u>	<u>1.46</u>
Ethane C_2	<u>30,9226</u>		<u>10.71</u>	<u>10.58</u>		<u>117.58</u>	<u>1.10</u>
Propane C_3	<u>10,6548</u>		<u>3.00</u>	<u>2.96</u>	<u>.814</u>	<u>71.68</u>	<u>1.045</u>
Iso Butane IC_4	<u>1.0228</u>		<u>.25</u>	<u>.25</u>	<u>.1082</u>	<u>8.15</u>	<u>1.005</u>
Normal Butane C_4	<u>2.2296</u>		<u>.57</u>	<u>.54</u>	<u>.176</u>	<u>18.31</u>	<u>1.011</u>
Iso Pentane IC_5	<u>.4280</u>		<u>.10</u>	<u>.10</u>	<u>.037</u>	<u>4.01</u>	<u>1.002</u>
Normal Pentane C_5	<u>.1165</u>		<u>.10</u>	<u>.10</u>	<u>.035</u>	<u>4.02</u>	<u>1.002</u>
Hexane C_6			<u>.01</u>	<u>.01</u>	<u>.004</u>	<u>.48</u>	
Heptane C_7							
TOTAL			<u>101.22</u>	<u>100%</u>	<u>1.149</u>	<u>1144.52</u>	<u>1.654</u>

Remarks: Sec-24 Twp-205 R6E-S2E
Footage - 9150

Meter No.

12
1,8745