

El Paso Natural Gas Company  
**CHROMATOGRAPH CALCULATIONS**  
 Form 15-171 (Rev. 12-62)

Analysis No.  
**42696**

Sample From  
**GULF OIL CORP PACHECO FED. COM. # 3**

Owner \_\_\_\_\_ State **NEW MEXICO** County **EDDY**

Location or Field \_\_\_\_\_ Formation \_\_\_\_\_ Depth \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Date Secured **12-1-78** Secured By **MARTIN** Department \_\_\_\_\_

Date Run **12-4-78** Run By **J. VENABLE** Checked By \_\_\_\_\_

Source Press. \_\_\_\_\_ Bomb Press. \_\_\_\_\_ Source Temp. \_\_\_\_\_ Atmos. Temp. \_\_\_\_\_

SULPHUR - GRS. PER 100 cu. Ft. \_\_\_\_\_ Hydrogen Sulphide **0.29** Mercaptan **0.10** Total **0.19** Sweet \_\_\_\_\_

COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	GPM	BTU	Sp. Gr.
Helium HE <sub>2</sub>							
Hydrogen Sulphide H <sub>2</sub> S							
Carbon Dioxide CO <sub>2</sub>	13.0224	0.1578	2.05	2.05			0.031
Nitrogen N <sub>2</sub>	57.0954	0.1747	9.97	9.95			0.096
Methane C <sub>1</sub>	372.8728	0.2178	81.65	81.49		824.68	0.451
Ethane C <sub>2</sub>	27.3027	0.1442	3.94	3.93		69.68	0.041
Propane C <sub>3</sub>	12.6511	0.1177	1.49	1.49	0.410	37.59	0.023
Iso Butane IC <sub>4</sub>	2.5565	0.1066	0.27	0.27	0.088	10.83	0.005
Normal Butane C <sub>4</sub>	4.0868	0.1061	0.43	0.43	0.135	14.06	0.009
Iso Pentane IC <sub>5</sub>	1.3923	0.1046	0.15	0.15	0.055	6.01	0.004
Normal Pentane C <sub>5</sub>	1.1228	0.1059	0.12	0.12	0.043	4.82	0.003
Hexane C <sub>6</sub>	0.8691		0.09	0.09	0.037	4.29	0.003
Heptane C <sub>7</sub>	0.4172		0.03	0.03	0.015	1.76	0.001
<b>TOTAL</b>			100 .19	100.00	0.783	973.73	0.667

Meter No. \_\_\_\_\_

Remarks: