

CHROMATOGRAPH CALCULATIONS

Form 15-171 (Rev. 12-62)

Analysis No.

42053

Sample From Lea "ED" State # 2							
Owner Gulf Oil Corporation				State N.M.		County Lea	
Location or Field Quail Ridge		Formation Morrow		Depth		From To	
Date Secured 8-10-78		Secured By Schooley		Department			
Date Run 8-11-78		Run By Bond		Checked By			
Source Press.		Bomb Press.		Source Temp.		Atmos. Temp.	
SULPHUR - GRS. PER 100 cu. Ft.		Hydrogen Sulphide .00		Mercaptan .00		Total .00	
Sweet							
COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	GPM	BTU	Sp. Gr.
Helium HE ₂							
Hydrogen Sulphide H ₂ S							
Carbon Dioxide CO ₂	1.7522		.62	.62			.009
Nitrogen N ₂	3.2353		1.37	1.38			.013
Methane C ₁	163.5339		14.07	94.51		355.24	.463
Ethane C ₂	24.7195		2.26	2.30		147.16	.086
Propane C ₃	12.6312		3.46	3.43	.957	87.80	.053
Iso Butane IC ₄	1.6803		.42	.42	.137	13.70	.008
Normal Butane C ₄	3.6243		.33	.33	.277	23.73	.013
Iso Pentane IC ₅	.8079		.13	.13	.066	7.22	.004
Normal Pentane C ₅	.8269		.12	.12	.069	7.64	.005
Hexane C ₆			.02	.02	.003	.95	.001
Heptane C ₇			.02	.02	.010	1.13	.001
TOTAL			99.49	100%	1.524	1149.67	.666

Remarks: Sec - 16 Twp - 19 Rge - 34

Meter No.