

CHROMATOGRAPH CALCULATIONS

Form 15-171 (Rev. 12-62)

Analysis No.

43124

Sample From

GULF OIL CORP.

MARQUARDT FEDERAL # 1

Owner

State

N.M.

County

EDDY

Location of Field

WHITE CITY

Formation

PENN

Depth

From

To

Date Secured

Secured By

Department

3-21-79

MARTIN

Date Run

Run By

Checked By

3-22-79

WITHERSPOON

Source Press.

Bomb Press.

Source Temp.

Atmos. Temp.

SULPHUR - GRS.
PER 100 cu. Ft.

Hydrogen Sulphide

.01

Mercaptan

.04

Total

.05

Sweet

COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	GPM	BTU	Sp. Gr.
Helium HE_2							
Hydrogen Sulphide H_2S							
Carbon Dioxide CO_2	4.0924	1578	.65	.66			.010
Nitrogen N_2	5.8960	1747	1.03	1.05			.010
Methane C_1	437.4466	2178	95.28	96.67		978.30	.535
Ethane C_2	8.7187	1442	1.26	1.28		22.69	.013
Propane C_3	1.6654	1177	.20	.20	.055	5.05	.003
Iso Butane IC_4	.2925	1066	.03	.03	.010	.98	.001
Normal Butane C_4	.6102	1061	.06	.06	.019	1.96	.001
Iso Pentane IC_5	.2333	1046	.02	.02	.007	.80	0.00
Normal Pentane C_5	.2682	1059	.03	.03	.011	1.21	.001
Hexane C_6							
Heptane C_7							
TOTAL			98.56	100.00	1102	1010.99	.574

Meter No.

Remarks: SEC 1 TWP 25 S RGE 26 E