

CHROMATOGRAPH CALCULATIONS

Form 15-171 (Rev. 12-62)

Analysis No.

44109

Sample From		Cody Federal Comp #1			
Owner		Gulf Oil Corp.		State	NM
Location or Field		Marathon		County	Cody
Date Secured	10/10/79	Secured By	Martin	Depth	
Date Run	10/11/79	Run By	Martin	From	
Source Press.		Bomb Press.		Source Temp.	
				Atmos. Temp.	

SULPHUR - GRS. PER 100 cu. Ft.		Hydrogen Sulphide	Mercaptan	Total	Sweet		
		0	0	0			
COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	GPM	BTU	Sp. Gr.
Helium	HE ₂						
Hydrogen Sulphide	H ₂ S						
Carbon Dioxide	CO ₂	3.8130	1404	.54	.52		.008
Nitrogen	N ₂	24.2646	1040	2.52	2.42		.023
Methane	C ₁	477.7975	1820	86.96	83.68	846.84	1464
Ethane	C ₂	64.7350	1220	7.90	7.60	134.75	.079
Propane	C ₃	38.8936	0983	3.82	3.68	92.85	.056
Iso Butane	IC ₄	5.0031	0890	.45	.43	14.02	.009
Normal Butane	C ₄	12.3343	0877	1.09	1.05	34.34	.021
Iso Pentane	IC ₅	2.9184	0872	.25	.24	9.62	.006
Normal Pentane	C ₅	3.2189	0885	.28	.27	10.85	.007
Hexane	C ₆			.06	.06	2.86	.002
Heptane	C ₇			.05	.05	2.94	.002
TOTAL			103.92	100.00	1.719	1149.07	.677

Meter No.

Remarks:

HH
REF
SS
Res Fing First Sec
JWC
MSD
LB
CLW
HGW
T

Sec 20 Twp 18S Rge 31E
Unit F