

CHROMATOGRAPH CALCULATIONS

Form 15-171 (Rev. 12-62)

Analysis No.

42145

Sample From Well #1							
Owner Beard Oil Company				State I.M.		County Eddy	
Location or Field			Formation Atoka		Depth		From To
Date Secured 3/25/78		Secured By Day			Department		
Date Run 3/26/78		Run By Schooley			Checked By		
Source Press.		Bomb Press.		Source Temp.		Atmos. Temp.	
SULPHUR - GRS. PER 100 cu. Ft.		Hydrogen Sulphide .06		Mercaptan .00		Total .06	
Sweet							
COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	GPM	BTU	Sp. Gr.
Helium	HE ₂						
Hydrogen Sulphide	H ₂ S						
Carbon Dioxide	CO ₂	1.5156	.54	.58			.009
Nitrogen	N ₂	2.9475	1.25	1.34			.013
Methane	C ₁	1702532	1227	21.17		922.64	.505
Ethane	C ₂	12.2530	3342	4.36		77.30	.045
Propane	C ₃	5.3130	2736	1.56	.429	39.36	.024
Iso Butane	IC ₄	1.4108	2470	.38	.124	12.39	.008
Normal Butane	C ₄	1.3632	2421	.35	.110	11.45	.007
Iso Pentane	IC ₅	.6980	2222	.17	.062	6.32	.004
Normal Pentane	C ₅	.3128	2292	.08	.029	3.22	.002
Hexane	C ₆		.01	.01	.004	.48	-----
Heptane	C ₇						
TOTAL			93.13	100.00	.753	1073.66	.617

Meter No.

Remarks:

Unit M 17 1724

RH
 REJ
 SS
 RES ENG TEST SEC
 JMC
 TD
 AJD
 CLN
 FOM
 BTM
 LS