

Total organic carbon, rock-eval pyrolysis, and vitrinite reflectance data  
of cuttings from the Home Oil Company Bush Federal No. 1 well

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Geologic Materials Center Data Report No. 141

GEOCHEMICAL DATA FOR  
BUSH FEDERAL #1

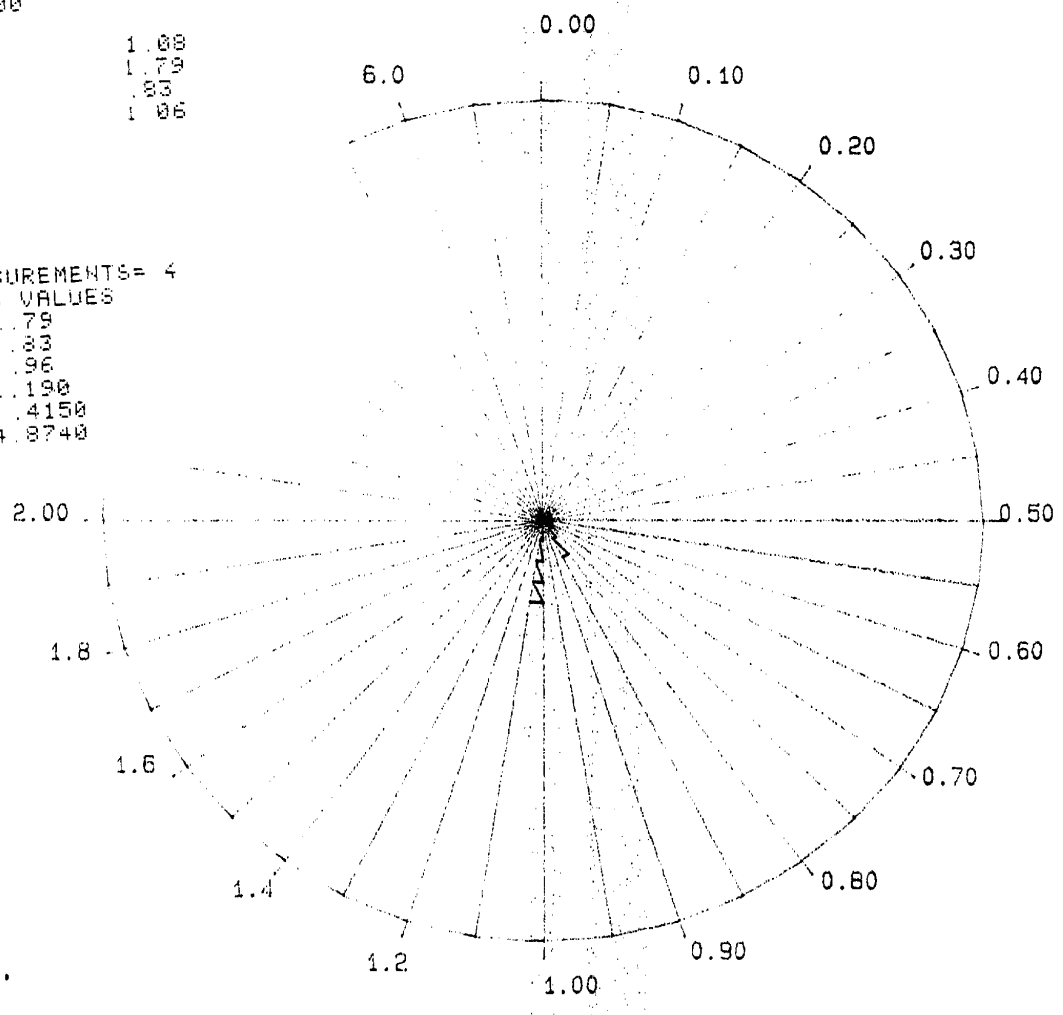
DEPTH(ft)	FORMATION	S <sub>1</sub> (kg/t)	S <sub>2</sub> (kg/t)	TOC (%)	PRODUCTION Index	HYDROGEN Index	T <sub>MAX</sub> (°C)	% R <sub>o</sub>
9300-9400	Shale Wall	0.41	0.72	0.76	0.37	94	455	-
9400-9500	Shale Wall	0.71	1.09	0.75	0.39	145	450	0.99
9500-9600	Shale Wall	0.84	1.30	0.95	0.39	136	451	-
9600-9700	Shale Wall	1.14	1.78	1.15	0.39	41	451	-
10800-10900	HRZ	0.78	1.05	0.74	0.43	60	456	-
10900-11000	HRZ	0.87	0.72	1.57	0.55	35	457	-

DATA FILE BF1400

N=	1	1.08
N=	2	1.79
N=	3	.83
N=	4	1.06

NUMBER OF MEASUREMENTS= 4  
 UNSTANDARDIZED VALUES  
 MAXIMUM = 1.79  
 MINIMUM = .83  
 RANGE = .96  
 MEAN = 1.190  
 ST. DEV = .4150  
 COEF. VAR = 34.8740

Pop. .8 to 1.1  
 N=3  
 Max=1.08  
 Min=.83  
 Mean=.99  
 St.Dev.=.1389



BUSH FED 9400'

SH/PYR SH/SLTST/TR POSS VIT/LOW RW/LT BIT T