

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

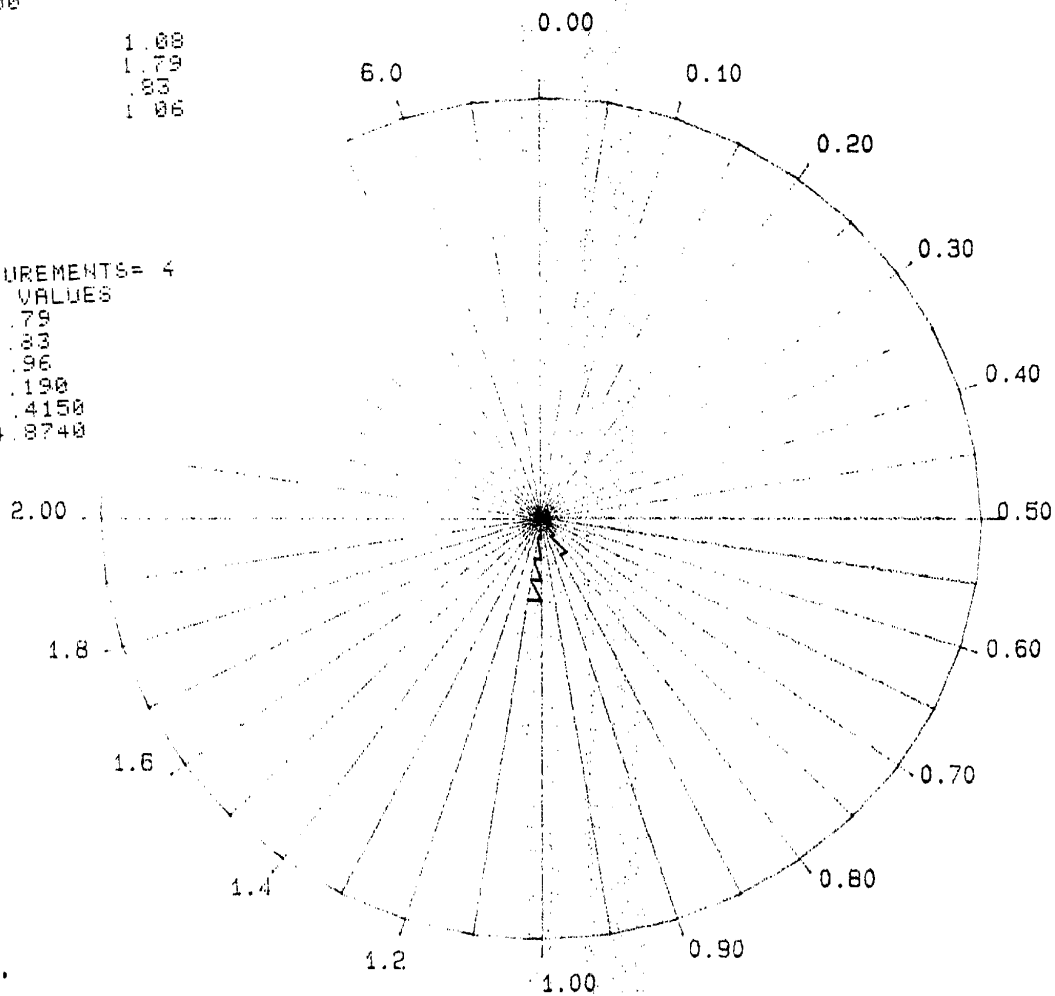
**GEOCHEMICAL DATA FOR
BUSH FEDERAL #1**

DEPTH(ft)	FORMATION	S ₁ (kg/t)	S ₂ (kg/t)	TOC (%)	PRODUCTION Index	HYDROGEN Index	T _{MAX} (°C)	% R _o
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

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BUSH FED 9400'

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