Total organic carbon, rock-eval pyrolysis, and vitrinite reflectance data of cuttings from the Atlantic Richfield Company Nora Federal No. 1 well

Received 25 August 1989

Total of 3 pages in report

Geologic Materials Center Data Report No. 142

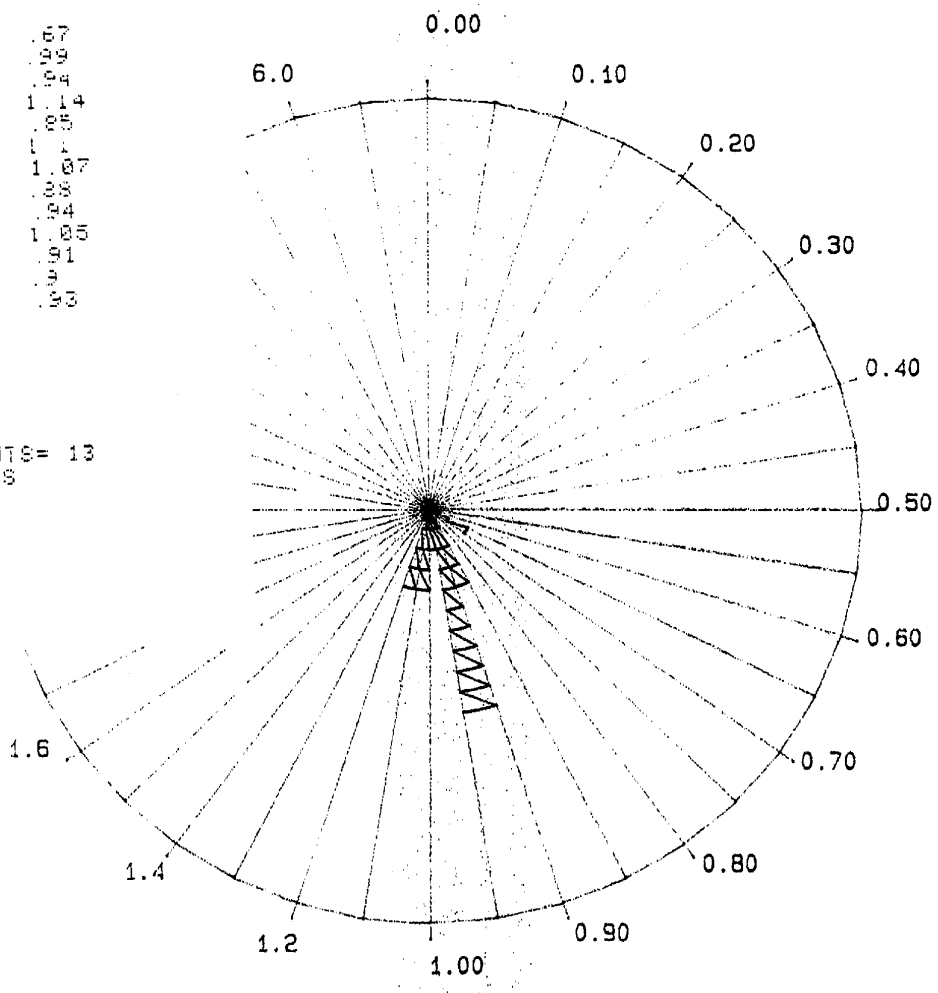
GEOCHEMICAL DATA FOR NORA FEDERAL #1

DEPTH(ft)	FORMATION	S_1 (kg/t)	S_2 (kg/t)	TOC (%)	PRODUCTION INDEX	HYDROGEN INDEX	T_{MAX} (°C)	%R_O
10130-10160	Shale Wall	0.16	0.26	0.43	0.38	60	431	0.95
10160-10190	Shale Wall	0.14	0.21	0.56	0.41	37	424	-
10190-10220	Shale Wall	0.08	0.08	0.46	0.50	17	372	-
10220-10250	Shale Wall	0.09	0.18	0.52	0.35	34	364	-
10250-10280	Shale Wall	0.21	0.47	0.71	0.31	66	454	-
10280-10310	Shale Wall	0.24	0.44	0.67	0.35	65	447	-
10310-10340	Shale Wall	0.28	0.54	0.68	0.34	79	448	-
10340-10370	Shale Wall	0.33	0.61	0.77	0.35	79	448	-
10370-10400	Shale Wall	0.34	1.17	0.9	0.23	130	439	-
10400-10430	Shale Wall	0.33	0.64	0.76	0.34	84	448	-
10430-10460	Shale Wall	0.26	0.45	0.62	0.37	72	451	-
12150-12200	HRZ	0.28	0.43	1.35	0.40	31	467	-
12250-12300	HRZ	0.47	0.65	2.09	0.42	31	450	-
12350-12400	HRZ	0.51	0.61	1.76	0.46	34	481	1.1

DATA FILE NF1013

N= 1	.67
N= 2	.99
N= 3	.94
N= 4	1.14
N= 5	.95
N= 6	1.1
N= 7	1.07
N= 8	.88
N= 9	.94
N= 10	1.05
N= 11	.91
N= 12	.9
N= 13	.93

NUMBER OF MEASUREMENTS= 13
UNSTANDARDIZED VALUES
MAXIMUM = 1.14
MINIMUM = .67
RANGE = .47
MEAN = .952
ST. DEV. = .1230
COEF VAR= 12.9260



Pop. .6 to 1.2

N=13

Max=1.14

Min=.67

Mean=.9515

St.Dev.=.1233

GMC Data Report No. 142

NORA FED 10130'

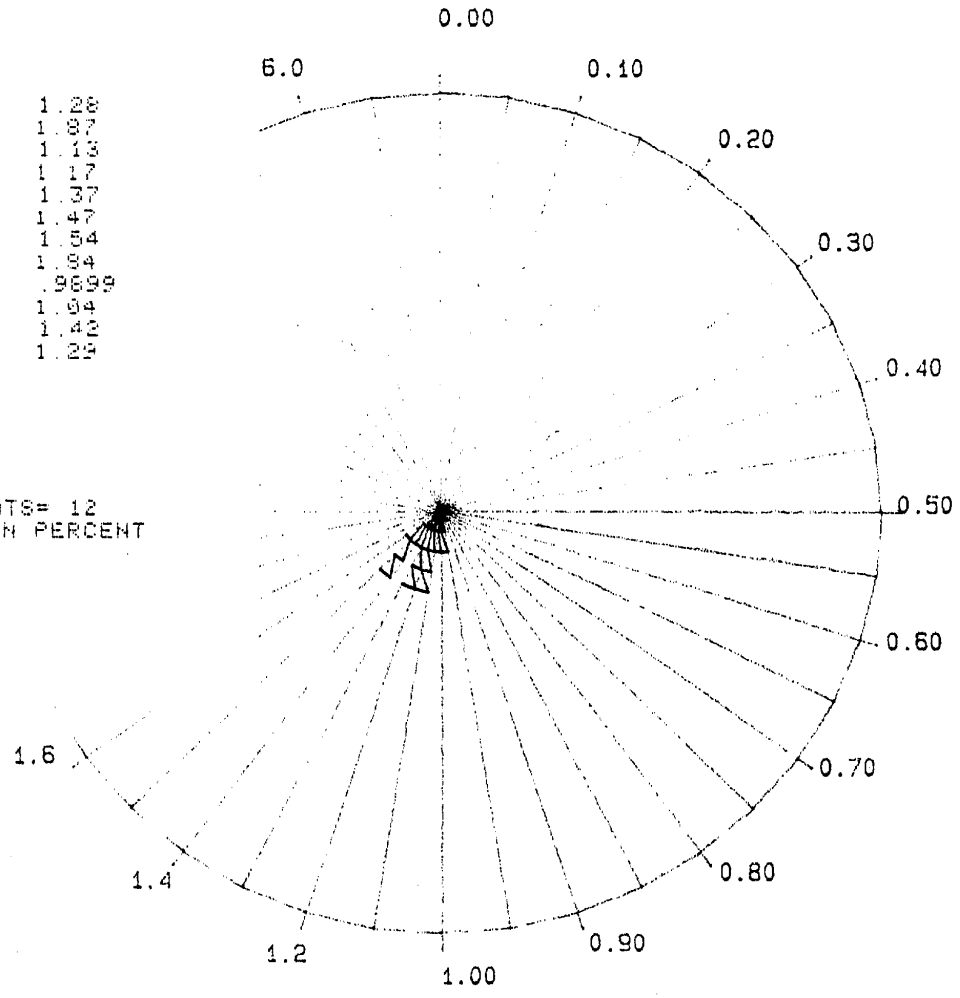
MIXED SHALES/OCC VIT PART/LOW RW/LT TO MOD BIT ST

ERROR # 56 OCCURRED
IN LINE 1180

DATA FILE NF1235

N= 1	1.28
N= 2	1.87
N= 3	1.13
N= 4	1.17
N= 5	1.37
N= 6	1.47
N= 7	1.54
N= 8	1.84
N= 9	.9899
N= 10	1.64
N= 11	1.42
N= 12	1.29

NUMBER OF MEASUREMENTS= 12
REFLECTANCE VALUES IN PERCENT
STANDARD= 53 %
MAXIMUM = 1.87
MINIMUM = .99
RANGE = .88
MEAN = 1.368
ST. DEV. = .2820
COEF.VAR= 20.6220



Pop. .9 to 1.6

N=10

Max=1.54

Min=.9899

Mean=1.2699

St.Dev.=.1846

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NORA FED 12350'

PYRITIC CALC SH/MOD TO HVY BIT ST/MATURE/OCC VIT/OCC SOL BIT/LOW RW