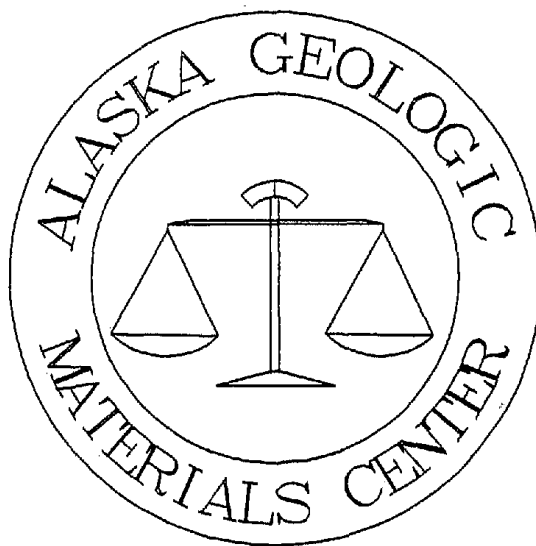


Vitrinite reflectance data from cuttings (1,250' - 10,250') of the ARCO Alaska Inc. Fiord No. 1 well.



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Alaska Geologic Materials Center Data Report No. 238

SAMPLE LOG SHEET

COMPANY: ARCO OIL
 PROJECT NAME: FIORD No. 1
 LOCATION: NORTH SLOPE, ALASKA

WORKED FOR: MCI PROPRIETARY
 PROJECT NO: 94-102(K)
 SAMPLE TYPE: DITCH

FORAM ___ THIN SECT ___ NANNO ___ DIAT/SILICO ___ RAD ___ PALY ___ TAI_x ___ VR_x ___

=====

NO. | SAMPLE DEPTH/NUMBER | REC: INV | NO. | SAMPLE DEPTH/NUMBER | REC: INV

=====

TAI

1	350-450
2	650-750
3	950-1050
4	1250-1350
5	1550-1650
6	1850-1950
7	2150-2250
8	2460-2550
9	2730-2820
10	3000-3090
11	3270-3360
12	3540-3630
13	3810-3900
14	4080-4170
15	4350-4440
16	4620-4710
17	4890-4950
18	5190-5280
19	5460-5550
20	5730-5820
21	6000-6090
22	6270-6360
23	6540-6570
24	6810-6840
25	7080-7110
26	7350-7410
27	7630-7690
28	7930-7990
29	8230-8290
30	8530-8590
31	8800-8830
32	9070-9130
33	9370-9430
34	9670-9730
35	9940-9970
36	10210-10250
37	6907-6910 CORE
38	7340-7359 CORE
39	7400-7419 CORE

VITRINITE

1	*650-750
2	1250-1350
3	1850-1950
4	*2460-2550
5	3000-3090
6	3540-3630
7	*4080-4170
8	*4620-4710
9	5190-5280
10	5730-5820
11	*6270-6360
12	-----6810-6840
13	7350-7410
14	*7930-7990
15	*8530-8590
16	9070-9130
17	9670-9730
18	10210-10250
19	*6907-6910 CORE
20	*7340-7359 CORE
21	*7400-7419 CORE

* = Not analyzed.
 (11 sp/s analyzed)

<u>Filename</u>	<u>Title</u>
FIORD02	ARCO FIORD #1 1250-1350'

Number of readings: 22

0.17	0.18	0.19	0.19	0.20	0.20
0.20	0.22	0.22	0.23	0.23	0.24
0.24	0.24	0.25	0.25	0.27	0.29
0.32	0.35	0.38	0.50		

Filename Title

FIORD05 ARCO FIORD #1 3000-3090'

Number of readings: 20

0.16 0.27 0.28 0.29 0.29 0.30
0.31 0.31 0.32 0.34 0.34 0.36
0.36 0.37 0.37 0.37 0.39 0.40
0.46 0.46

Filename Title

FIORD03 ARCO FIORD #1 1850-1950'

Number of readings: 9

0.15 0.19 0.24 0.30 0.33 0.38
0.40 0.42 0.42

Filename Title

FIORD06 ARCO FIORD #1 3540-3630'

Number of readings: 16

0.26	0.26	0.26	0.27	0.29	0.30
0.31	0.32	0.33	0.35	0.36	0.36
0.37	0.38	0.41	0.42		

Filename Title

FIORD09 ARCO FIORD #1 5190-5280'

Number of readings: 20

0.22	0.25	0.25	0.27	0.28	0.30
0.31	0.34	0.35	0.35	0.35	0.37
0.38	0.38	0.40	0.43	0.46	0.47
0.50	0.52				

Filename	Title
FIORD10	ARCO FIORD #1 5730-5820'

Number of readings: 21

0.24	0.25	0.26	0.28	0.29	0.31
0.31	0.33	0.33	0.34	0.36	0.37
0.38	0.39	0.39	0.39	0.39	0.40
0.43	0.46	0.49			

Filename	Title
FIORD12	ARCO FIORD #1 6810-6840'

Number of readings: 10

0.22	0.23	0.26	0.27	0.33	0.37
0.40	0.45	0.51	0.53		

Filename Title

FIORD13 ARCO FIORD #1 7350-7410'

Number of readings: 7

0.25 0.27 0.27 0.28 0.31 0.38
0.38

Filename Title

FIORD16 ARCO FIORD #1 9070-9130'

Number of readings: 21

0.26 0.29 0.29 0.29 0.30 0.30
0.31 0.32 0.32 0.32 0.32 0.33
0.33 0.33 0.34 0.35 0.39 0.39
0.40 0.40 0.45

Filename Title

FIORD18 ARCO FIORD #1 10210-10250'T.D.

Number of readings: 21

0.52	0.52	0.55	0.59	0.63	0.66
0.66	0.69	0.73	0.75	0.76	0.78
0.79	0.81	0.81	0.82	0.83	0.85
0.86	0.86	1.08			

Filename Title

FIORD17 ARCO FIORD #1 9670-9730'

Number of readings: 19

0.37	0.39	0.40	0.59	0.61	0.63
0.64	0.64	0.67	0.68	0.68	0.68
0.68	0.69	0.72	0.73	0.76	0.79
0.80					