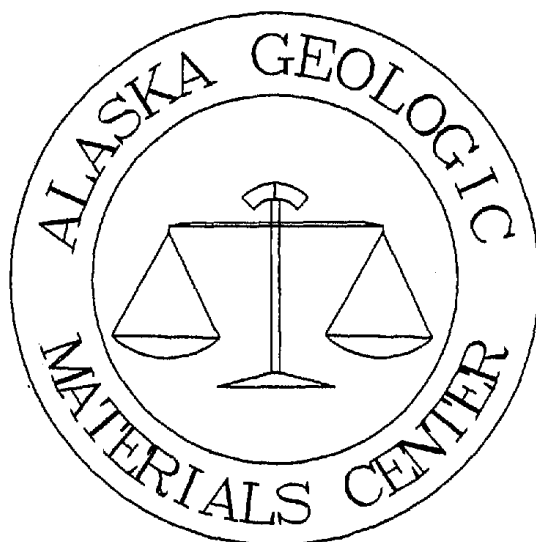


Maceral vitrinite reflectance data from cuttings (800' - 8,271') and from core (5,190' - 5,251'; 6,069' - 6,101'; and 6,342' - 6,462') of the ARCO Alaska Inc. Kalubik No. 1 well.



Received 14 February 1995

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Filename Title

KALUB01 ARCO KALUBIK #1 800-900

Number of readings: 25

0.19	0.21	0.21	0.22	0.23	0.23
0.23	0.28	0.29	0.29	0.29	0.31
0.31	0.32	0.33	0.33	0.35	0.36
0.38	0.41	0.43	0.43	0.43	0.44
0.46					

Filename Title

KALUB02 ARCO KALUBIK #1 1600-1700'

Number of readings: 25

0.16	0.19	0.22	0.22	0.22	0.22
0.25	0.25	0.26	0.27	0.32	0.33
0.34	0.34	0.34	0.36	0.37	0.37
0.38	0.39	0.40	0.41	0.41	0.43
0.44					

Filename Title

KALUB03 ARCO KALUBIK #1 2400-2500'

Number of readings: 20

0.18	0.22	0.24	0.26	0.26	0.26
0.28	0.31	0.32	0.33	0.34	0.37
0.38	0.38	0.39	0.42	0.42	0.46
0.48	0.56				

<u>Filename</u>	<u>Title</u>
KALUB04	ARCO KALUBIK #1 3120-3180'

Number of readings: 6

0.26 0.36 0.39 0.40 0.51 0.57

<u>Filename</u>	<u>Title</u>
KALUB06	ARCO KALUBIK #1 4590-4650'

Number of readings: 15

0.29 0.29 0.38 0.40 0.40 0.42
0.42 0.47 0.48 0.52 0.55 0.56
0.58 0.58 0.68

Filename Title

KALUB07 ARCO KALUBIK #1 5310-5370'

Number of readings: 15

0.26	0.28	0.28	0.34	0.35	0.36
0.36	0.37	0.38	0.38	0.40	0.42
0.42	0.48	0.69			

Filename Title

KALUB08 ARCO KALUBIK #1 6030-6100'

Number of readings: 15

0.32	0.34	0.35	0.36	0.36	0.37
0.37	0.43	0.43	0.47	0.52	0.54
0.56	0.56	0.60			

Filename Title

KALUB11 ARCO KALUBIK #1 8200-8271'T.D.

Number of readings: 21

0.38	0.40	0.45	0.48	0.48	0.50
0.51	0.55	0.56	0.57	0.59	0.60
0.61	0.61	0.61	0.63	0.64	0.66
0.68	0.69	0.75			

Filename Title

KALUB12 ARCO KALUBIK #1 5190-5251' CORE

Number of readings: 22

0.30	0.30	0.33	0.34	0.34	0.36
0.37	0.38	0.39	0.40	0.44	0.44
0.44	0.47	0.47	0.48	0.48	0.52
0.54	0.54	0.59	0.66		

Filename Title

KALUB13 ARCO KALUBIK #1 6069-6101' CORE

Number of readings: 13

0.30	0.34	0.35	0.35	0.39	0.41
0.42	0.43	0.43	0.45	0.45	0.47
0.51					

SAMPLE LOG SHEET

COMPANY: ARCO ALASKA
 PROJECT NAME: KALUBIK No.1
 LOCATION: BEAUFORT SEA, ALASKA

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

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

=====

NO.	SAMPLE DEPTH/NUMBER	REC:INV	NO.	SAMPLE DEPTH/NUMBER	REC:INV
1	400-500		1	800-900	
2	800-900		2	1600-1700	
3	1200-1300		3	2400-2500	
4	1600-1700		4	3120-3180	
5	2000-2100		5	3840-3900 *	
6	2400-2500		6	4590-4650	
7	2760-2820		7	5310-5370	
8	3120-3180		8	6030-6100	
9	3480-3540		9	6760-6790 *	
10	3840-3900		10	7480-7540 *	
11	4230-4290		11	8200-8271	
12	4590-4650		12	5190-5251 core	
13	4950-5010		13	6069-6101 core	
14	5310-5370		14	6342-6462 core *	
15	5670-5730		15		
16	6030-6100		16		
17	6400-6430		17		
18	6760-6790		18		
19	7120-7180		19		
20	7480-7540		20		
21	7840-7900		21		
22	8200-8271		22		
23	5190-5251 core		23		
24	6069-6101 core		24		
25	6342-6462 core		25		
26			26		
27			27		
28			28		
29			29		
30			30		
31			31		
32			32		
33			33		
34			34		
35			35		
36			36		
37			37		
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47			47		
48			48		
49			49		
50			50		

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TAI

VITRINITE

1 400-500
 2 800-900
 3 1200-1300
 4 1600-1700
 5 2000-2100
 6 2400-2500
 7 2760-2820
 8 3120-3180
 9 3480-3540
 10 3840-3900
 11 4230-4290
 12 4590-4650
 13 4950-5010
 14 5310-5370
 15 5670-5730
 16 6030-6100
 17 6400-6430
 18 6760-6790
 19 7120-7180
 20 7480-7540
 21 7840-7900
 22 8200-8271
 23 5190-5251 core
 24 6069-6101 core
 25 6342-6462 core

1 800-900
 2 1600-1700
 3 2400-2500
 4 3120-3180
 5 3840-3900 *
 6 4590-4650
 7 5310-5370
 8 6030-6100
 9 6760-6790 *
 10 7480-7540 *
 11 8200-8271
 12 5190-5251 core
 13 6069-6101 core
 14 6342-6462 core *

* insufficient vitrinite
 for analysis