

Vitrinite reflectance data for the Union Oil Company of California
Tungak Creek No. 1 well

Received 17 February 1988

Total of 15 pages in report

Geologic Materials Center Data Report 80

UNOCAL
TUNGAK CREEK #1
SEC. 12, T6N/R42W UBM
API #50-207-20002
NORTH SLOPE, ALASKA

Filename Title

 TUNGAK02 UNION TUNGAK CREEK #1 420-690'

Date Time

 09-20-1987 08:41:39

Number of readings: 66

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.59	.4	.6	.88	.63
6	=	.41	.5	.74	.66	.43
11	=	.46	.48	.4	.86	.43
16	=	.56	.54	.74	.43	.39
21	=	.6	.46	.63	.61	.79
26	=	.4	.58	.81	.57	.54
31	=	.47	.54	.65	.43	.42
36	=	.69	.58	.62	.52	.48
41	=	.44	.85	.71	.58	.51
46	=	.52	.47	.87	.48	.72
51	=	.4	.4	.47	.57	.42
56	=	.3	.37	.38	.47	.65
61	=	.48	.52	.45	.61	.37

Filename Title

 TUNGA04 UNION TUNGAK CREEK #1 960-1230'

Date Time

 09-20-1987 09:07:42

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.63	.67	.52	.44	.59
6	=	.6	.46	.5	.59	.56
11	=	.45	.5	.63	.51	.57
16	=	.59	.48	.81	.54	.59
21	=	.42	.53	.56	.46	.78
26	=	.58	.48	.83	.44	.53
31	=	.67	.71	.6	.39	.66
36	=	.56	.71	.45	.71	.45
41	=	.4	.53	.66	.47	.5
46	=	.43	.45	.47	.78	.59

Filename Title

 TUNGAK08 UNION TUNGAK CREEK #1 2040-2310'

Date Time

 09-20-1987 10:01:07

Number of readings: 50

<u>Reading #</u>		<u>+0</u>	<u>+1</u>	<u>+2</u>	<u>+3</u>	<u>+4</u>
1	=	.56	.57	.54	.66	.46
6	=	.63	.59	.51	.59	.64
11	=	.53	.78	.51	.49	.62
16	=	.56	.47	.44	.55	.51
21	=	.62	.51	.61	.58	.6
26	=	.55	.46	.79	.61	.63
31	=	.62	.58	.56	.56	.59
36	=	.54	.59	.55	.57	.56
41	=	.62	.4	.55	.62	.47
46	=	.55	.33	.77	.4	.47

Filename Title
 ----- -----
 TUNGA12 UNION TUNGA1 CREEK #1 3120-3390'

Date Time
 ----- -----
 09-20-1987 10:37:08

Number of readings: 51

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.63	.6	.68	.66	.65
6	=	.74	.67	.66	.64	.46
11	=	.67	.68	.56	.59	.73
16	=	.55	.67	.66	.67	.61
21	=	.8	.6	.66	.72	.71
26	=	.71	.59	.65	.77	.49
31	=	.47	.6	.67	.61	.72
36	=	.64	.58	.67	.62	.77
41	=	.64	.62	.59	.6	.41
46	=	.68	.56	.59	.53	.61

Filename Title
 ----- -----
 TUNGAk16 UNION TUNGAk CREEK #1 4200-4470'

Date Time
 ---- ----
 09-21-1987 12:52:38

Number of readings: 45

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.69	.68	.66	.54	.72
6	=	.72	.47	.64	.64	.65
11	=	.71	.53	.68	.67	.67
16	=	.63	.57	.64	.68	.67
21	=	.69	.72	.63	.64	.59
26	=	.58	.59	.67	.58	.66
31	=	.61	.68	.55	.69	.49
36	=	.71	.7	.49	.64	.62
41	=	.44	.68	.63	.59	.49

Filename Title

TUNGAK21 UNION TUNGAK CREEK #1 5550-5820'

Date Time

09-21-1987 14:58:41

Number of readings: 51

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.58	.69	.65	.62	.73
6	=	.79	.71	.65	.82	.72
11	=	.67	.66	.68	.66	.71
16	=	.76	.68	.8	.78	.84
21	=	.82	.61	.62	.72	.74
26	=	.71	.56	.64	.65	.69
31	=	.64	.67	.62	.5	.42
36	=	.55	.77	.65	.6	.63
41	=	.48	.62	.59	.66	.54
46	=	.63	.62	.61	.56	.54

Filename Title

 TUNGAK26 UNION TUNGAK CREEK #1 6900-7170'

Date Time

 09-21-1987 15:18:40

Number of readings: 51

Reading #		+0	+1	+2	+3	+4
1	=	.7	.77	.52	.74	.69
6	=	.79	.64	.89	.46	.6
11	=	.53	.67	.64	.62	.4
16	=	.42	.77	.68	.63	.52
21	=	.56	.58	.65	.52	.55
26	=	.59	.82	.67	.81	.73
31	=	.67	.59	.59	.59	.92
36	=	.76	.53	.76	.83	.83
41	=	.75	.82	.5	.55	.53
46	=	.59	.45	.56	.61	.59

Filename Title

 TUNGA30 UNION TUNGAK CREEK #1 7980-8212'T.D.

Date Time

 09-21-1987 15:55:30

Number of readings: 50

<u>Reading #</u>		<u>+0</u>	<u>+1</u>	<u>+2</u>	<u>+3</u>	<u>+4</u>
1	=	.63	.81	.62	.64	.57
6	=	.63	.53	.58	.74	.97
11	=	.52	.56	.94	.62	.77
16	=	.93	.6	.91	.71	.64
21	=	.57	.6	.82	.69	.69
26	=	.64	.77	.76	.59	.53
31	=	.71	.7	.9000001	.63	.6
36	=	.69	.7	.63	.49	.46
41	=	.56	.63	.57	.77	.65
46	=	.71	.64	.57	.58	.61

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Filename Title

TUNGAK02 UNION TUNGAK CREEK #1 420-690'

Date Time

09-20-1987 08:41:39

Number of readings: 66

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.59	.4	.6	.88	.63
6	=	.41	.5	.74	.66	.43
11	=	.46	.48	.4	.86	.43
16	=	.56	.54	.74	.43	.39
21	=	.6	.46	.63	.61	.79
26	=	.4	.58	.81	.57	.54
31	=	.47	.54	.65	.43	.42
36	=	.69	.58	.62	.52	.48
41	=	.44	.85	.71	.58	.51
46	=	.52	.47	.87	.48	.72
51	=	.4	.4	.47	.57	.42
56	=	.3	.37	.38	.47	.65
61	=	.48	.52	.45	.61	.37

Filename Title

TUNGAK04 UNION TUNGAK CREEK #1 960-1230'

Date Time

09-20-1987 09:07:42

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.63	.67	.52	.44	.59
6	=	.6	.46	.5	.59	.56
11	=	.45	.5	.63	.51	.57
16	=	.59	.48	.81	.54	.59
21	=	.42	.53	.56	.46	.78
26	=	.58	.48	.83	.44	.53
31	=	.67	.71	.6	.39	.66
36	=	.56	.71	.45	.71	.45
41	=	.4	.53	.66	.47	.5
46	=	.43	.45	.47	.78	.59

Filename Title

TUNGAK06 UNION TUNGAK #1 1500-1770'

Date Time

09-20-1987 09:35:44

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.58	.66	.63	.59	.63
6	=	.62	.56	.56	.53	.51
11	=	.48	.6	.55	.69	.67
16	=	.64	.64	.56	.49	.58
21	=	.36	.56	.5	.51	.6
26	=	.65	.53	.68	.56	.55
31	=	.5	.59	.68	.45	.51
36	=	.51	.55	.43	.48	.55
41	=	.43	.47	.43	.59	.59
46	=	.56	.56	.61	.46	.48

Filename Title

TUNGAK08 UNION TUNGAK CREEK #1 2040-2310'

Date Time

09-20-1987 10:01:07

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.56	.57	.54	.66	.46
6	=	.63	.59	.51	.59	.64
11	=	.53	.78	.51	.49	.62
16	=	.56	.47	.44	.55	.51
21	=	.62	.51	.61	.58	.6
26	=	.55	.46	.79	.61	.63
31	=	.62	.58	.56	.56	.59
36	=	.54	.59	.55	.57	.56
41	=	.62	.4	.55	.62	.47
46	=	.55	.33	.77	.4	.47

Filename Title

 TUNGAK10 UNION TUNGAK CREEK #1 2580-2850'

Date Time

 09-20-1987 10:19:04

Number of readings: 55

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.75	.7	.66	.56	.58
6	=	.64	.63	.65	.56	.51
11	=	.64	.62	.55	.62	.58
16	=	.68	.59	.63	.65	.55
21	=	.73	.55	.62	.71	.6
26	=	.59	.61	.66	.54	.56
31	=	.65	.46	.53	.6	.62
36	=	.59	.52	.53	.38	.6
41	=	.53	.64	.56	.47	.59
46	=	.59	.75	.47	.5	.49
51	=	.54	.47	.59	.57	.49

Filename Title

 TUNGAK12 UNION TUNGAK CREEK #1 3120-3390'

Date Time

 09-20-1987 10:37:08

Number of readings: 51

<u>Reading #</u>		<u>+0</u>	<u>+1</u>	<u>+2</u>	<u>+3</u>	<u>+4</u>
1	=	.63	.6	.68	.66	.65
6	=	.74	.67	.66	.64	.46
11	=	.67	.68	.56	.59	.73
16	=	.55	.67	.66	.67	.61
21	=	.8	.6	.66	.72	.71
26	=	.71	.59	.65	.77	.49
31	=	.47	.6	.67	.61	.72
36	=	.64	.58	.67	.62	.77
41	=	.64	.62	.59	.6	.41
46	=	.68	.56	.59	.53	.61

Filename

Title

TUNGAK14

UNION TUNGAK CREEK #1 3660-3930'

Date

Time

09-21-1987

10:54:20

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.56	.66	.58	.53	.54
6	=	.69	.62	.7	.64	.84
11	=	.57	.49	.64	.62	.74
16	=	.68	.53	.62	.6	.8
21	=	.64	.56	.65	.63	.58
26	=	.5	.63	.68	.49	.63
31	=	.73	.64	.8	.65	.53
36	=	.54	.75	.73	.65	.73
41	=	.58	.6	.72	.48	.7
46	=	.53	.61	.6	.52	.6

Filename Title

 TUNGAK16 UNION TUNGAK CREEK #1 4200-4470²

Date Time

 09-21-1987 12:52:38

Number of readings: 45

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.69	.68	.66	.54	.72
6	=	.72	.47	.64	.64	.65
11	=	.71	.53	.68	.67	.67
16	=	.63	.57	.64	.68	.67
21	=	.69	.72	.63	.64	.59
26	=	.58	.59	.67	.58	.66
31	=	.61	.68	.55	.69	.49
36	=	.71	.7	.49	.64	.62
41	=	.44	.68	.63	.59	.49

Filename Title

 TUNGAK18 UNION TUNGAK CREEK #1 4740-5010'

Date Time

 09-21-1987 13:17:46

Number of readings: 55

<u>Reading #</u>		<u>+0</u>	<u>+1</u>	<u>+2</u>	<u>+3</u>	<u>+4</u>
1	=	.57	.67	.64	.72	.69
6	=	.54	.51	.57	.71	.65
11	=	.67	.8	.63	.72	.7
16	=	.7	.65	.8	.46	.61
21	=	.57	.63	.61	.58	.67
26	=	.52	.62	.52	.63	.59
31	=	.57	.62	.68	.67	.59
36	=	.56	.55	.6	.57	.75
41	=	.66	.59	.96	.66	.67
46	=	.58	.46	.58	.65	.62
51	=	.64	.72	.67	.72	.77

Filename Title
 ----- -----
 TUNGAK21 UNION TUNGAK CREEK #1 5550-5820'

Date Time
 ----- -----
 09-21-1987 14:58:41

Number of readings: 51

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.58	.69	.65	.62	.73
6	=	.79	.71	.65	.82	.72
11	=	.67	.66	.68	.66	.71
16	=	.76	.68	.8	.78	.84
21	=	.82	.61	.62	.72	.74
26	=	.71	.56	.64	.65	.69
31	=	.64	.67	.62	.5	.42
36	=	.55	.77	.65	.6	.63
41	=	.48	.62	.59	.66	.54
46	=	.63	.62	.61	.56	.54

Filename Title

TUNGA23 UNION TUNGAK CREEK #1 6090-6360'

Date Time

09-21-1987 15:04:03

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.62	.66	.5	.68	.5
6	=	.66	.76	.65	.7	.73
11	=	.51	.76	.63	.64	.58
16	=	.63	.65	.66	.58	.77
21	=	.65	.88	.56	.72	.54
26	=	.67	.76	.62	.64	.58
31	=	.76	.68	.66	.68	.62
36	=	.54	.66	.63	.6	.68
41	=	.67	.64	.59	.59	.67
46	=	.58	.54	.52	.7	.54

Filename

Title

TUNGAK26

UNION TUNGAK CREEK #1 6900-7170'

Date

Time

09-21-1987

15:18:40

Number of readings: 51

Reading #		+0	+1	+2	+3	+4
1	=	.7	.77	.52	.74	.69
6	=	.79	.64	.89	.46	.6
11	=	.53	.67	.64	.62	.4
16	=	.42	.77	.68	.63	.52
21	=	.56	.58	.65	.52	.55
26	=	.59	.82	.67	.81	.73
31	=	.67	.59	.59	.59	.92
36	=	.76	.53	.76	.83	.83
41	=	.75	.82	.5	.55	.53
46	=	.59	.45	.56	.61	.59

Filename Title
 ----- -----
 TUNGA28 UNION TUNGAK CREEK #1 7440-7710'

Date Time
 ----- -----
 09-21-1987 15:36:43

Number of readings: 55

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.91	.51	.66	.81	.69
6	=	.88	.65	.51	.85	.57
11	=	.86	.76	.83	.7	.77
16	=	.65	.81	.5	.94	.86
21	=	.76	.48	.73	.73	.82
26	=	.69	.85	.87	.68	.92
31	=	.58	.47	.42	.61	.67
36	=	.82	.67	.57	.43	.54
41	=	.53	.47	.41	.67	.64
46	=	.77	.55	.54	.64	.84
51	=	.72	.68	.54	.65	.66

Filename Title

 TUNGA30 UNION TUNGAK CREEK #1 7980-8212'T.D.

Date Time

 09-21-1987 15:55:30

Number of readings: 50

<u>Reading #</u>		<u>+0</u>	<u>+1</u>	<u>+2</u>	<u>+3</u>	<u>+4</u>
1	=	.63	.81	.62	.64	.57
6	=	.63	.53	.58	.74	.97
11	=	.52	.56	.94	.62	.77
16	=	.93	.6	.91	.71	.64'
21	=	.57	.6	.82	.69	.69
26	=	.64	.77	.76	.59	.53
31	=	.71	.7	.9000001	.63	.6
36	=	.69	.7	.63	.49	.46
41	=	.56	.63	.57	.77	.65'
46	=	.71	.64	.57	.58	.61