



# CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

P.O. BOX 4-1276  
Anchorage, Alaska 99509

TELEPHONE (907)-279-4014  
274-3364

ANCHORAGE INDUSTRIAL CENTER  
5633 B Street

## CRUDE OIL ANALYSIS REPORT

Company Husky Oil Company Date May 19, 1980 Lab. No. 3710-2  
 Well No. South Barrow No. 20 Location \_\_\_\_\_  
 Field NPRA Formation Pebble Shale Sands  
 State Alaska Depth 1629-39 Prod Test No. 2 (Final Flow)

### GENERAL CHARACTERISTIC

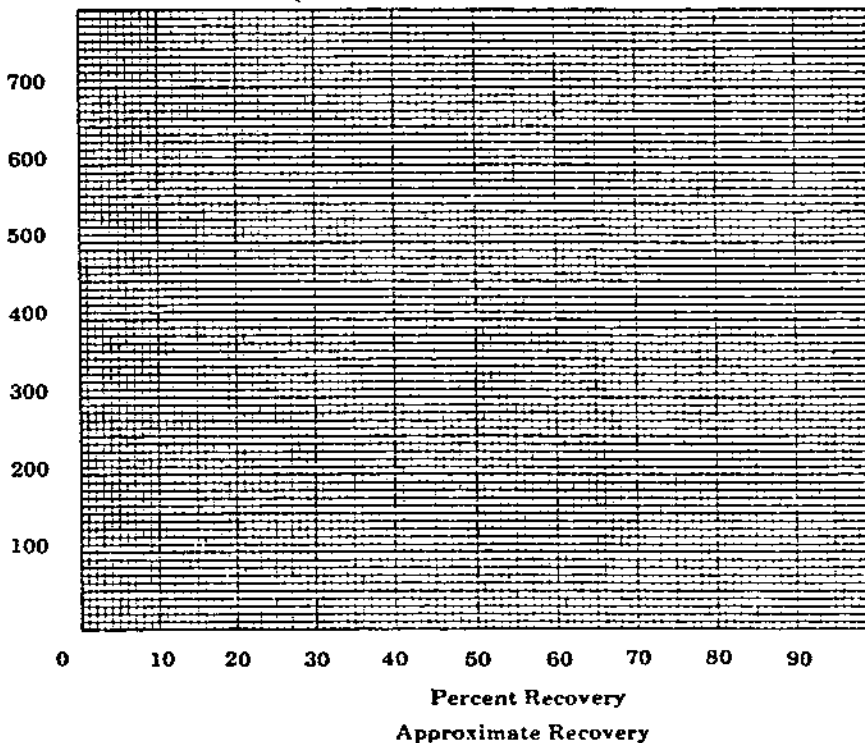
Specific gravity @ 60/60 ° F.....	0.8460
A.P.I. gravity @ 60 ° F.....	35.8
Saybolt Universal Viscosity @ 70 ° F., seconds.....	I.S.
Saybolt Universal Viscosity @ 100 ° F., seconds.....	I.S.
B.s. and water, % by volume.....	97.8
Pour point, ° F.....	I.S.
Total sulphur, % by weight.....	0.29

REMARKS: I.S. = INSUFFICIENT SAMPLE FOR ANALYSIS

### ENGLER DISTILLATION

Recovery, %	Temperature, ° F.
IBP.....	_____
5.....	_____
10.....	_____
15.....	_____
20.....	_____
25.....	_____
30.....	_____
35.....	_____
40.....	_____
45.....	_____
50.....	_____
55.....	_____
60.....	_____
65.....	_____
70.....	_____
75.....	_____
80.....	_____
85.....	_____
90.....	_____
95.....	_____
E.P.....	_____

### DISTILLATION GRAPH



Recovery, % \_\_\_\_\_  
 Residue, % \_\_\_\_\_  
 Loss, % \_\_\_\_\_

300 EP gasoline, % \_\_\_\_\_  
 392 EP gasoline, % \_\_\_\_\_  
 500 EP distillate, % \_\_\_\_\_



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## CRUDE OIL ANALYSIS REPORT

Company Husky Oil Company Date May 19, 1980 Lab. No. 3710-3  
 Well No. South Barrow No. 20 Location \_\_\_\_\_  
 Field NPRA Formation Pebble Shale Sands  
 State Alaska Depth 1629-39 Prod Test #2 (First Flow)

### GENERAL CHARACTERISTIC

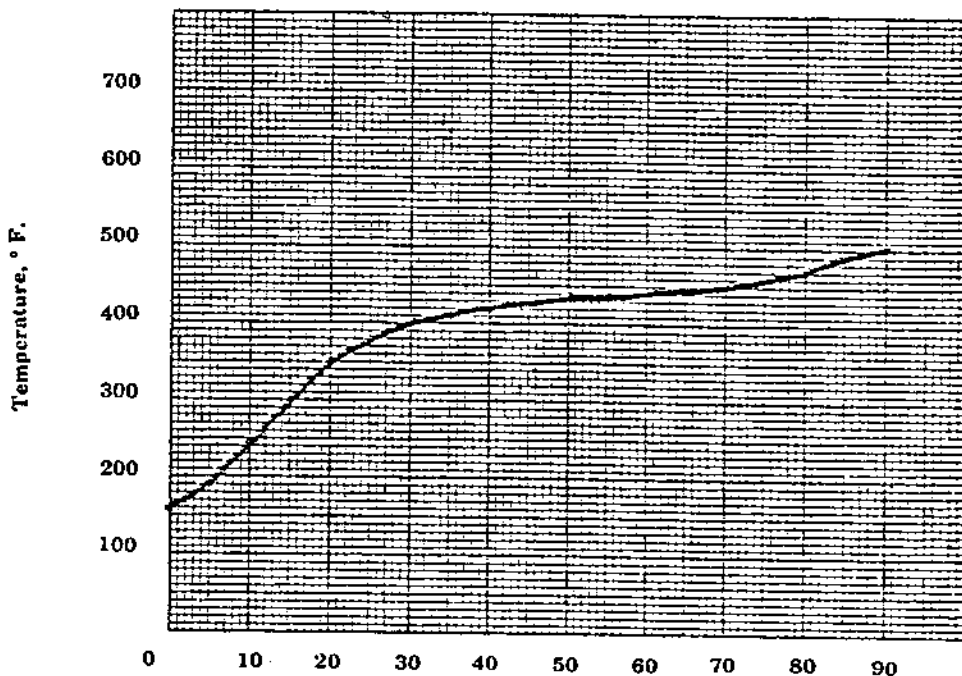
Specific gravity @ 60/60 ° F	0.8610
A.P.I. gravity @ 60 ° F	32.8
Saybolt Universal Viscosity @ 70 ° F., seconds	68.8
Saybolt Universal Viscosity @ 100 ° F., seconds	54.9
B.s. and water, % by volume	47.0
Pour point, ° F	-49
Total sulphur, % by weight	0.26

REMARKS: Water Specific Gravity @ 74 F-----1.321  
All Analysis determined on clean oil phase.

### ENGLER DISTILLATION

Recovery, %	Temperature, ° F.
IBP	160
5	193
10	246
15	302
20	350
25	380
30	400
35	410
40	420
45	430
50	438
55	442
60	444
65	446
70	450
75	460
80	472
85	490
90	504 (*)
95	

### DISTILLATION GRAPH



E.P. \_\_\_\_\_

(\*) THERMAL CRACKING-DISTILLATION DISCONTINUED

Recovery, % 90.5  
 Residue, % 9.0  
 Loss, % 0.5

300 EP gasoline, % \_\_\_\_\_  
 392 EP gasoline, % \_\_\_\_\_  
 500 EP distillate, % \_\_\_\_\_