



HUSKY OIL NPR OPERATIONS, INC.  
U.S. GEOLOGICAL SURVEY/ONPRA

LOGGING REPORT

WELL NAME BARROW #20

Date April 8, 1980 Driller Depth 1500'

Elevation 30' Logger Depth 1498'

Logs Ran and Intervals

DIL/SFL/GR/SP - 1492-Surface;

BHCS/GR/TTI - 1492-105'

Additional Logs to Run

Zones of Interest

Depth	Gross Thickness	Net Feet of Porosity	Lith	Porosity	Probable Fluid Content

Discussion:

Underconsolidated

Log Tops & Correlations:

Pebble Shale 1314' (?)

Additional Evaluation Plans:

No additional logs or tests

RICH NELSON

Wellsite Geologist

Log Analyst



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LOGGING REPORT

WELL NAME SOUTH BARROW #20

Date April 23, 1980 Driller Depth 2356'

Elevation 30' KB Logger Depth 2356'

Logs Run and Intervals

SP/GR/DLL 2118-2334' (add 8')

GR/CAL/CNL/FDC 2118-2339' (add 8')

GR/MLL Failed to get out of casing - stopped at 2080'

GR/BHCS 2117-2343 (add 8')

CBL/CCL 1100-2120 (add 8')

Additional Logs to Run

Zone of Interest

Interval	Gross Thickness	Net Feet of Porosity	Lith	Porosity	Sw	Probable Fluid Content
* 1564-1573'	9	9	Ss	17%	27%	Gas & Water
* 1625-1636	11	11	Ss	21%	12.5%	Gas

NO ZONES OF INTEREST IN SAG RIVER SANDS. (SEE "DISCUSSION")

\*From previous log run.

Discussion

Sag River Sands are of low porosity (4-16% averaging 12%+) and appear quite shaly and probably tight.

Log Tops & Correlations:

Upper Barrow Sand 1980') from previous log run

Lower Barrow Sand 2062')

Top Sag River Sand 2240' Logs recorded 8' shallow

Top Argillite 2315' These tops have been adjusted to true depth

Additional Evaluation Plans:

Test Barrow Sands.

Rich Nelson

Wellsite Geologist  
Armour Kane

Log Analyst