NE
PROBABLE ANTICOSTI PLATFORM
PRE-CARBONIFEROUS STRUCTURES

LINE NO. 1060

Area GULF OF ST. LAWRENCE

Prepared for SOQUIP

By Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY
P.O. BOX 1590 • TULSA, OKLAHOMA 74102

Job No. 2341
Date Dec. 1, 1971
Reel No. A12288 A11385

2400%

☒ Stack
☐ Gather
☐ CDP
☐ 100%
☐ Other

PROCESSING SEQUENCE

PROCESSING WITH SEISYSTEM 70 THE TRUE FLOATING POINT SYSTEM

DATA REDUCTION ☐ Analog to Digital ☐ Gain Removal: ☐ Binary Gain ☐ PGC ☐ Ganged AGC ☐ Gain Recovery: ☐ Exponential ☐ Program Gain ☐ Spherical Divergence ☐ Bias Removal ☐ Resample from ms. to ms. ☒ VIBROSEIS® Correlation: ☐ Synthetic ☒ Recorded ☐ Aligned ☐ Sum % Summation

ANALYSIS ☐ Powow ☐ Analyze ☐ Autocorrelogram ☐ Retrocorrelogram Lags Window from Sec. to Sec. ☐ Filtest: ● Position of Filtest

VELOCITY DETERMINATION ☒ Velocity Analysis: ★ Position of Velocity Analysis ☒ Velcon ☐ Deltan ☐ Constant Velocity ☐ Diffraction Chart ☐ Well Survey ☐ Previously Defined

STATICS AND DYNAMICS Order of Application: Mutes NMO Statics. Normal Moveout applied to: ☒ Original Sample ☐ 1 ms Sample. Normal Moveout computed by: ☐ Time vs. Average Velocity ☐ Time vs. Δt ☒ Time vs. RMS Velocity ☐ Time vs. Interval Velocity ☐ Time vs. Depth ☐ Power Series ☐ Exponential ☐ Residual Δt. Mute Pattern. ☒ Statics Application: -16 m.s. ☐ Manual: ☐ Datumized to Sec. ☐ Automatic: ☐ Cost ☐ IR ☐ Elevation ☐ Weathering Window from Sec. to Sec. ☒ Elevation Datum: Sea Level Vₒ: 4,800 Ft./Sec.

STACK ☒ Horizontal ☐ Vertical ☐ Signal/Noise Stack ☐ Multiple Attenuation Stack ☐ Optimum Stack ☐ Phase Alignment ☐ Quik Stack

FILTERS ☒ Digital Filters: ☐ Martin Graham ☐ Weighted Ormsby ☒ Smoothed Boxcar ☐ Ormsby ☒ Bandpass ☐ Band Reject ☐ Lo Pass ☐ High Pass ☐ Notch ☐ Optimum ☐ User Input ☐ Auto Design ☐ Radial Prediction ☐ Velocity

INVERSE FILTERS ☒ One Side Pulse ☐ Spike ☐ Predictive ☒ Mixed Phase. Smoothing Function: ☐ Hamming ☐ Hanning ☒ None. White Noise: 10 %

SCALING ☒ Equalization ☒ AGC ☒ PGC

FIELD OPERATIONS

Party: 007
Date Recorded: July 2, 3, 1971
Recording Direction: SW to NE
Sample: 4 ms.
Record Length: 13 Sec.

INSTRUMENTATION Instrument Type: Field Filter: 8-65 Hz.

SPREAD CONFIGURATION Geophones: Near Distance: 880 Ft. Far Distance: 6,160 Ft. Station Interval: 220 Ft. Geophone: Type: S.E.G. SP/VP Interval: 110 Ft.

SOURCE ☐ Conventional ☒ VIBROSEIS ☐ Summed Sweeps/VP: 2 Sweep Length: 7.0 Sec. Listen Time: 6.0 Sec.

OFFSHORE Positioning Equipment: Vibrator/Source Depth: 35 Ft.

Quality Control Trevor Smith Date 12-2

[redacted]

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1721
GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA

Northwest Gulf of St-Lawrence
Seismic cross section
Line A-1060

1987 August SOQUIP Enclosure 5.

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