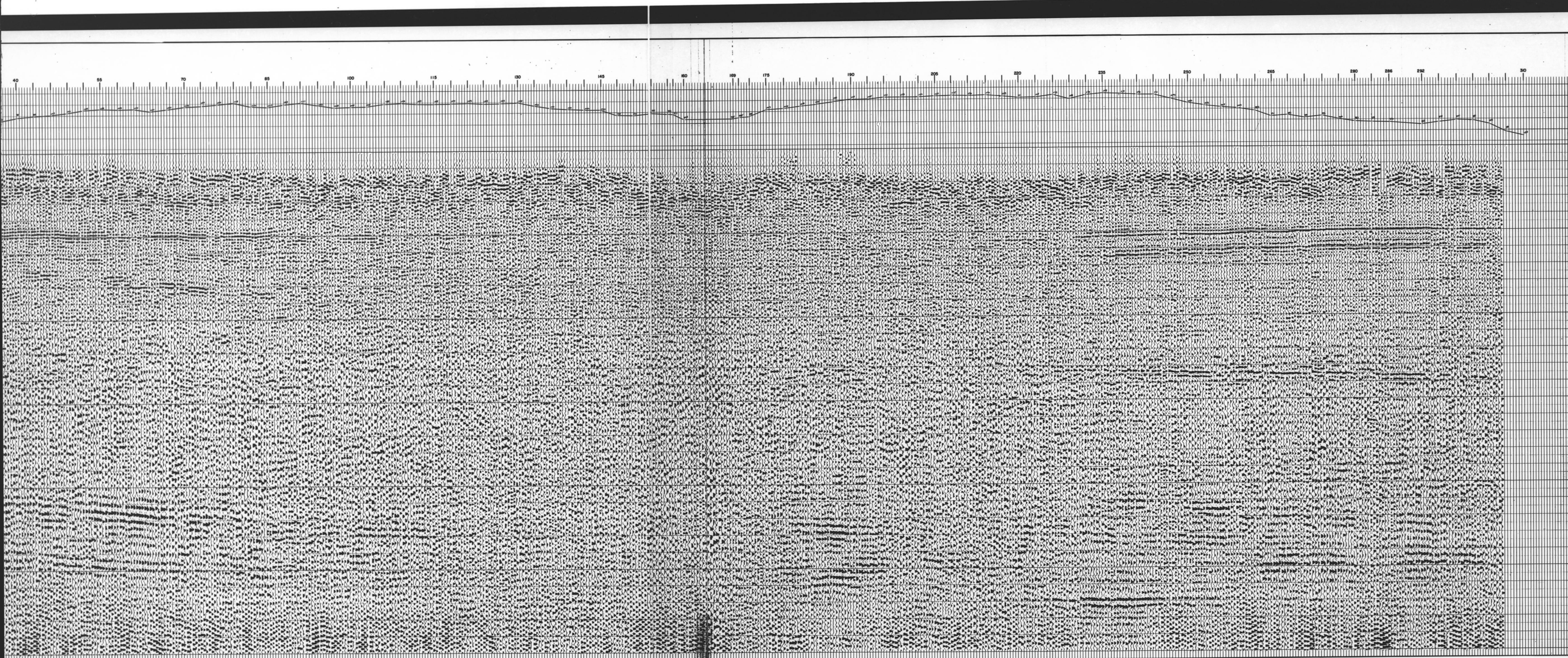




815-06-06-02 15.00 + 451

SIGMA EXPLORATIONS LTD.
A SUBSIDIARY OF THE CEC CORPORATION

NORTH-EAST
LINE NO. FM-2 (WEST PORTION)
PROJECT COLVILLE LAKE
PROVINCE NORTHWEST TERRITORIES
FIELD PROGRAM FOR SIGMA EXPLORATION LTD.
FIELD PROGRAM BY NORTHERN GEOPHYSICAL LTD.
DATE PROCESSED 2/72
PROCESSED BY DIGITECH

RECORDING PARTICULARS
Field Recording: ☐ Digital ☐ FM ☐ AM ☐ Transcribed Paper
Energy Source: ☐ Dynamic ☐ Discharge ☐ Air-Gun ☐ Sparker
☒ Vibroseis Sweep Frequency 10-120 Hz Sweep Length 1 sec.
☐ Other _____ Date 12/71

Recorded By: NORTHERN GEOPHYSICAL LTD.
Recorded For: SIGMA EXPLORATIONS LTD.
Field Instruments: PPS-111 Tape System 400-12
No. of Traces Recorded: 24 Format: SD10A
Recording Sample Rate: 1 sec. Recording Filter Low: 0.5 High: 120
Gain Information: ☒ Heavy ☐ AGC ☐ MC ☐ Flat ☐ Other _____
Group Interval: 100 FT. No. of Geophones Per Group: 120
Spread Layout: 1000-1200-1200-2000
Remarks:

DIGITAL PROCESSING
Input Data: ☐ Multiple ☐ Sequential Sample rate: _____ msec. Format: _____
☐ Demultiplex ☐ Exponential ☐ Spherical Divergence ☐ Programmed
☐ Gain Compensation ☐ Digital AGC ☐ Trace Equalization ☐ Other _____
☐ Vibroseis Correlation ☐ Recorded ☐ Synthetic Sweep Frequency _____
☐ Phase Compensation ☐ Spectrum Compensation
☐ NMO Removal
Digital Filtering Routines:
☐ Deconvolution

Filter	Order	Gain	Phase	Attenuation	Gain
1	1	1.0	0.0	0.0	0.0
2	1	1.0	0.0	0.0	0.0
3	1	1.0	0.0	0.0	0.0
4	1	1.0	0.0	0.0	0.0

☐ Bandpass Filter ☐ Frequency Domain ☐ Time Domain Operator Length: _____
Time Varying Filter Parameters:

Filter	Order	Gain	Phase	Attenuation	Gain
1	1	1.0	0.0	0.0	0.0
2	1	1.0	0.0	0.0	0.0
3	1	1.0	0.0	0.0	0.0
4	1	1.0	0.0	0.0	0.0

☐ Trace Muting: _____
☐ Radial NMO ☐ Radial Static Correction
☐ Static Correction: By: _____
☐ Trace Gather: ☐ Stack: _____ % ☐ Gather: _____ %
☐ Powerlaw: _____ % Gate
Datum or Flattening Horizon: _____
Datum Velocity: _____ ft/sec. Datum Elevation: _____ ASL
☐ RMS Equalization ☐ Programmed Gain ☐ Digital AGC
☐ Automated Program Gain ☐ Other: _____
Priority: ☐ Normal ☐ Reversed
☐ MCT Continuity Filter
Bandpass Option: _____
☐ Two Dimensional Time-space Filter Gate
☐ Post ☐ Root Left ☐ Root Right ☐ Root Trace
Digital Output Ref No. _____
Remarks:

451

815-06-06-02

PROJ. NO.

815-08-08-02

LINE NO. F N - 2 W E S T

PART NO. 2 OF 2

R.R. 5.5X

