

0-20-55-1E

**VERITAS SEISMIC LTD.**

**FIELD POLARITY
MIGRATED STACK**

LINE NO: 85-2 DIRECTION: SE
AREA: TROUT LAKE
DATUM: 610 m A.S.L.

PROCESSED FOR:
SULPETRO LTD.

DATE PROCESSED: APR. 1985 DATE SHOT: MAR. 1985
SHOT BY: NORTHERN GEOPHYSICAL LTD.

FIELD PARAMETERS

SOURCE TYPE	Dynaflo	GEOPHONE TYPE	14 Hz
SOURCE INTERVAL	100 m	GROUP INTERVAL	25 m
SOURCE LAYOUT	Single hole	GEOPHONE LAYOUT	0 over 25 m
AVG. CHARGE SIZE	1 kg	AVG. HOLE DEPTH	15 m
INSTRUMENTATION	SPS V	GAIN MODE	I.F.P.
FIELD FILTER	12/120 Hz Hatch Out	COVERAGE	1200 x
RECORD LENGTH	3 sec	SAMPLE INTERVAL	2 ms
SPREAD TRACE	1 - 40 SP 40 - 80		
DISTANCE	1225 - 50 50 - 1225 m		

DISPLAY PARAMETERS

TRACES/INCH	12	INCHES/SECOND	7.5
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PROCESSING PARAMETERS

- DEMULITPLEX
Recorded Length 10000 ms Sample Rate 2 ms
Processed Length 2000 ms Sample Rate 2 ms
- AMPLITUDE RECOVERY - EXPONENTIAL CURVE
- GEOMETRY - STRAIGHT LINE
- DEPHASING - INSTRUMENT & GEOPHONE
- DECONVOLUTION - SPIKING
OPERATOR 50 ms PREWHITENING 5.0 x
FILTER Distance Design Gate Appl. Gate
1 50 m 100 - 1500 0 - 2000 ms
2 1225 m 000 - 1700 0 - 2000 ms
- RESIDUAL AMPLITUDE ANALYSIS and APPLICATION
- STRUCTURE STATISTICS - 2 LAYER DIFT COMPUTATION
Datum 610 m A.S.L.
Replacement Velocity 2410 m/s
- TRACE GATHER
- NORMAL MOVEOUT
- STATISTICS - AUTOMATIC SURFACE CONSISTENT
Window 500 - 1500 ms
- FIRST BREAK MUTES
Distance 275 1225 2450 m
Rate 320 000 1500 ms
- STATISTICS - TRIM
Correlation Window 400 - 1400 ms
- STACK
- FILTER - BANDPASS
FILTER 1 Pass Band 15/20 - 70/80 Appl. Gate 0 - 2000 ms
- AMPLITUDE EQUALIZATION - MEAN SCALE
Window 400 - 1400 ms
- MIGRATION



