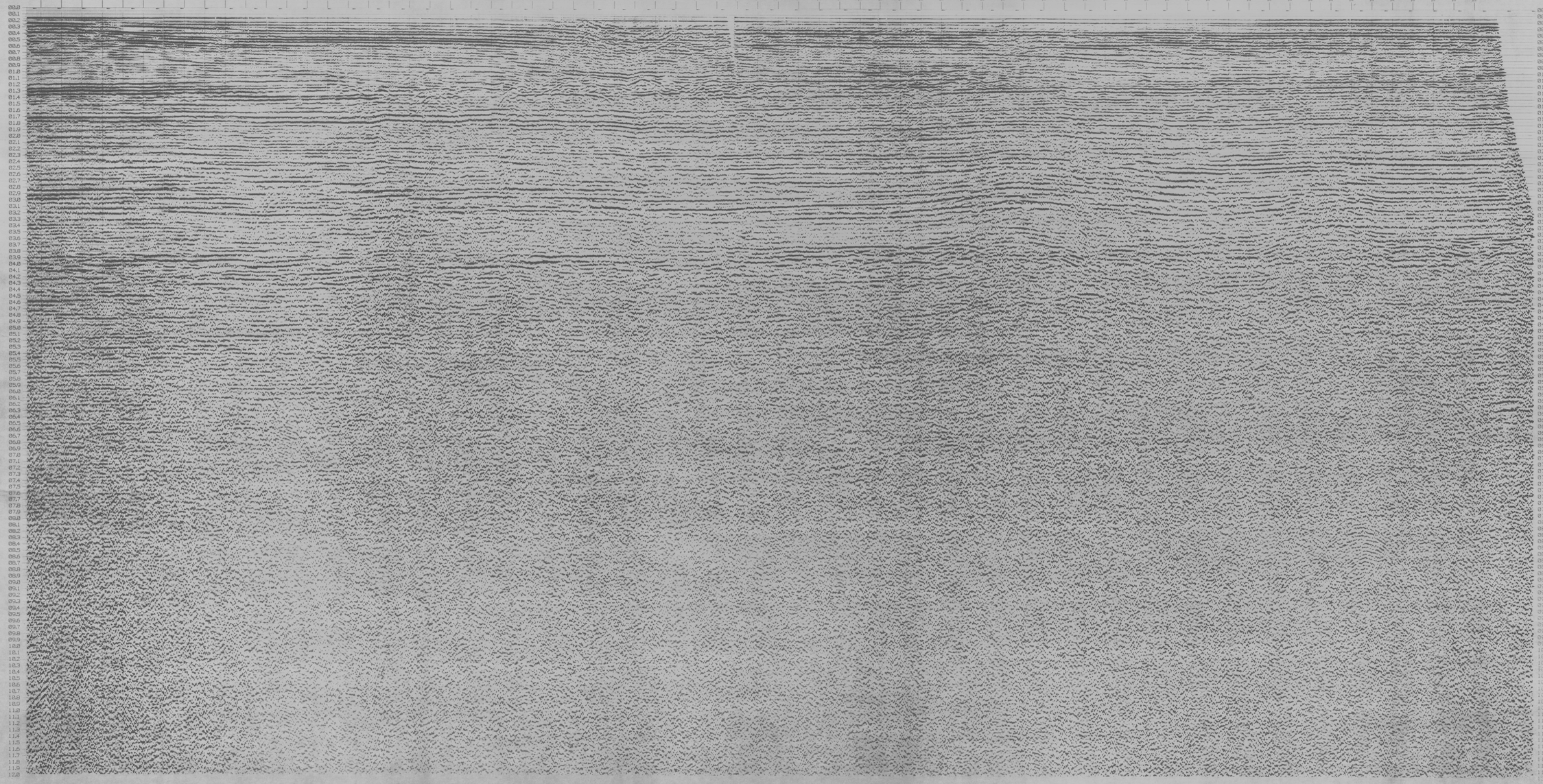
MGG 06990005 T.F.32

DIRECTION: NORTHEAST
LINE: 15B
SHOT POINTS: 2437-1002

TELEDYNE EXPLORATION

NOTE: SHOT POINTS ARE LOCATED AT ANTENNA LOCATIONS



TELEDYNE EXPLORATION HOUSTON TEXAS LASER PLOT 11/28/77

LINE NUMBER 000015
DEPTH TYPE NORMAL
U.S.G.S. DIGITAL ACC.

PERCENT OF VAR. OVERLAY 829
OVERLAY NO. 2
OFFSHORE EAST COAST

LINE: 15B
DIRECTION: N.E.

TELEDYNE EXPLORATION

48 FOLD CDP

CLIENT: USGS
SHOT POINTS: 2437-1002
PROSPECT: NORTHERN AREA
LOCATION: OFFSHORE EAST COAST U.S.A.

FIELD DATA

INSTRUMENTS: DFS IV
FILTER: 8 Hz
SP INTERVAL: 50 m
GRP INTERVAL: 1-25 = 100 m ; 25-48 = 50 m
ENERGY: 4 AIRGUNS ; 1.58 x 10⁶ Nt/m

PROCESSING INFORMATION

DATE PROCESSED: NOV 1977
DATUM PLANE: 10 m BELOW SL
STACK MUTE: 1) 9300m, 2) 3500m, 3) 1400m, 4) 3850m
DATA REDUCTION PROCESS:
1. FULL DYN. RANGE RECOVERY
2. DIVERGENCE CORRECTION
3. DECONVOLUTION: TV
OPER LENGTH: 256 ms
PREDICTION LENGTH: 36 ms
CORR GATES: DISTANCE DEPENDENT
BND LMT: OUT-OUT TIME 0.0-12.0
4. VELOCITY ANALYSIS: 3km INTERVAL
5. NMO: STATICS
6. STACK: 48 FOLD CDP
8. DIGITAL FILTER: w.TV
BAND LMT: 12-30 TIME 0.0-1.5
BAND LMT: 10-25 TIME 1.5-4.5
BAND LMT: 7-20 TIME 4.5-12.0
BAND LMT: TIME
PROGRAM GAIN
60° WAVE EQUATION MIGRATION
SHAPER PROCESSING
DECONVOLUTION: OPER LENGTH = 256 ms
PREDICTION LENGTH = 36 ms

REMARKS: 20 TRACES = 1 km.