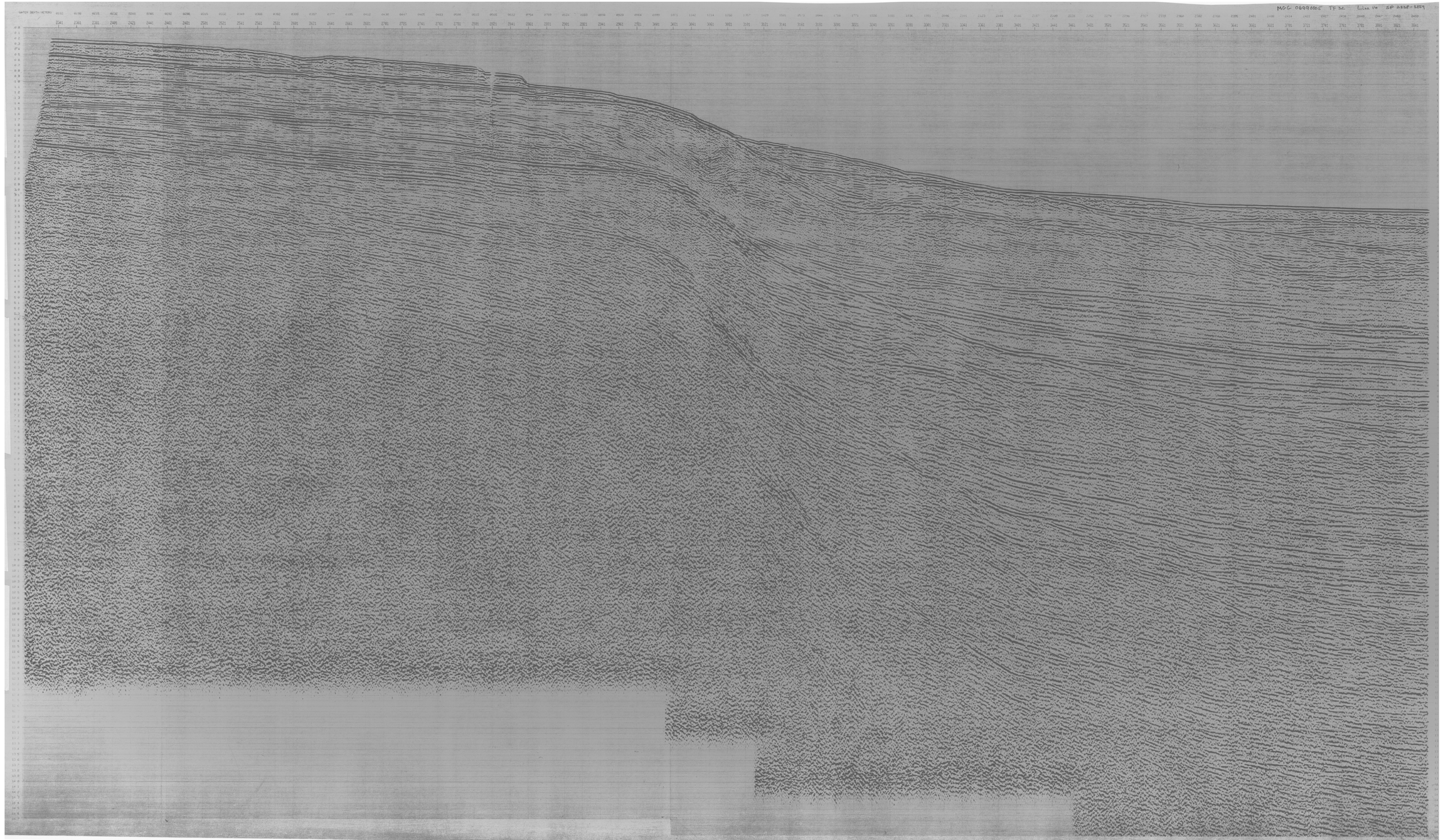
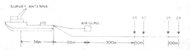


LINE: 16
DIRECTION: S.E.

TELEDYNE EXPLORATION

48 FOLD CDP

CLIENT: USGS
SHOT POINTS: 2338 - 3859
PROSPECT: NORTHERN AREA
LOCATION: OFFSHORE EAST COAST U.S.A.



FIELD DATA

INSTRUMENTS: DFS IV
FILTER: 8-124
SPREAD: 500m - 3850m
SP INTERVAL: 50 m
GRP INTERVAL: 1-25 x 100m, 25-48 x 50m
ENERGY: 4 AIRGUNS, 138 x 10⁶ NT/m²

PROCESSING INFORMATION

DATE PROCESSED: JAN., 1978
DATUM PLANE: SEA LEVEL
STACK MUTE: 10@500m, 10@350m, 14@450m, 17@3850m
DATA REDUCTION PROCESS:
1. FULL DYN. RANGE RECOVERY
2. DIVERGENCE CORRECTION
3. DECONVOLUTION: TV

OPER LENGTH: 256 ms
PREDICTION LENGTH: 36 ms
CORR GATE(S): 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: ■ TV

BAND LMT: 12-30 TIME 0.0 - 3.0
BAND LMT: 10-25 TIME 2.5 - 5.0
BAND LMT: 7-20 TIME 4.5 - 15.0
BAND LMT: TIME

PROGRAM GAIN
45° WAVE EQUATION MIGRATION
SHAPER PROCESSING
7. DECONVOLUTION: OPER. LENGTH = 256ms
PREDICTION LENGTH = 36ms

REMARKS: 20 TRACES = 1 km.