



LINE DIRECTION 

VELOCITY FUNCTION
DIRECTION
LINE INTERSECTION
WATER DEPTHS (METERS)

STATIONS



U.S.G.S.

LINE 3B-N
SP 302 TO 562
BERING SHELF
24 FOLD STACK

INPUT REEL HEADER INFORMATION

| | |
|----------------------|-----------------|
| REEL NUMBER | |
| DATE CREATED | |
| NUMBER SAMPLE/TRACE | 2000 |
| SAMPLE RATE IN HILLS | 2 |
| PROCESSOR | DRESSER-OLYMPIC |
| LINE NUMBER | |
| JOB NUMBER | |
| SECTION NUMBER | |
| PROCESSING STEP | |

FIELD INFORMATION

| | | | |
|-------------|------------|--------------|-------------------|
| ACQUIRED BY | U.S.G.S. | VESSEL | S.P. LEE |
| INSTRUMENTS | GRS | TYPE GAIN | NR |
| SWEEP RATE | 2 NS | REC LENGTH | 4.0 SEC |
| FILTER | 0-100 HZ | NO CHANNELS | 40-24 BLANK |
| SOURCE | 8 AIR GUNS | AVG DEPTH | 30 FEET |
| CU IN | 1326 | PRESSURE | 1900 |
| PWP INTER | 80 METERS | CABLE DEPTH | 80-80 FEET |
| SWEEP INTER | 100 METERS | CABLE LENGTH | 2400 METERS |
| NO. GROUPS | 24 | DIST TR 24 | 530 FEET |
| DIST TR 1 | 6474 FEET | DATE | SEPTEMBER 8, 1976 |
| SWEEP DIR | S-N | | |

PROCESSING SEQUENCE

HOUSTON DATA PROCESSING CENTER

- 1) EDIT + DEMULTIPLEX
- 2) V2T GAIN RECOVERY
- 3) VELOCITY ANALYSIS AT 4 KM INTERVALS
- 4) APPLY NMO
- 5) MUTE
- 6) STACK 24 FOLD
- 7) DECONVOLUTION

AUTO 2ND ZERO CROSSING PRED LENGTH
220MS OPERATOR LENGTH
GATE START 100MS END 3500MS

- 8) SPACE AND TIME VARYING FREQUENCY FILTER

12-36 HZ
10-30 HZ
6-24 HZ

- 9) DIGITAL AGC 1000MS LENGTH

***** FILMING PARAMETERS *****

| | | | |
|-------------------|----------|--------|--|
| PERCENT GAIN | 20 | TR/IN | |
| HORIZONTAL SCALE | 20. | IN/SEC | |
| VERTICAL SCALE | 3. | L/R | |
| FILMING DIRECTION | | | |
| PERCENT BAR | 0 | | |
| POLARITY | BLACK+VE | | |

DATA PROCESSED BY
DRESSER OLYMPIC

TV FILTER APPLICATION

TRACE SUPPRESSION

76-132
6/15/77
72