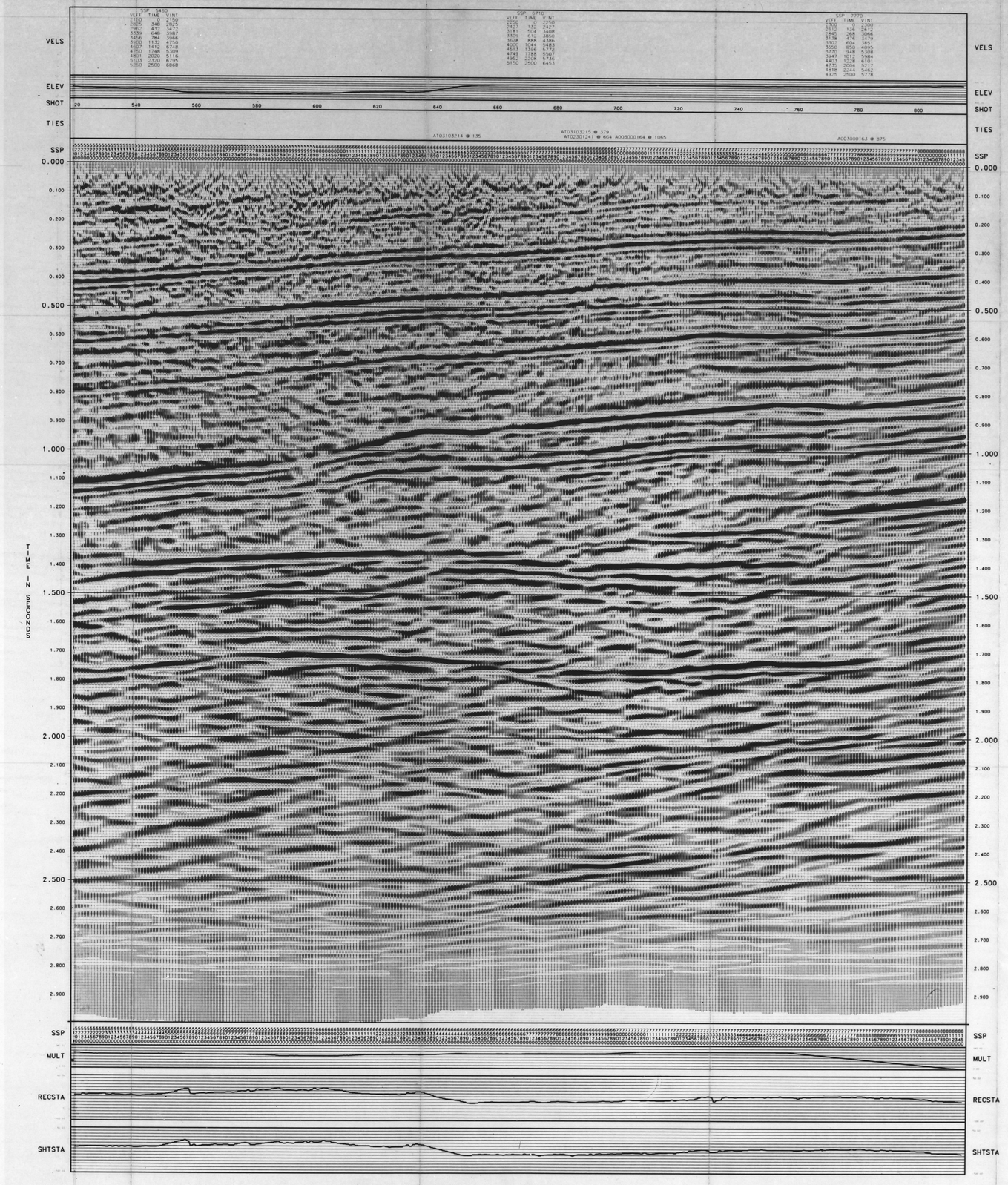

Shell Canada Limited

A003000170

MIGRATED STACK
REVERSE POLARITY

AREA: BOVIE LAKE

FOLD: 120
DATUM: 500 M VCOR: 3700 M/S
LOCATION OF LOW STATION:
LAT: 59 DEG. 59 MIN.
LONG: 122 DEG. 15 MIN.
SHOT BY: CGG 4801
DATE: MARCH 1989

FIELD PARAMETERS:

RECORDING INSTRUMENT:

RECORDER: SERCEL
NOTCH FILTER: OUT
HIGH CUT FILTER: 178 HZ 72 DB/OCT
RECORD LENGTH: 3.0 SEC
DISK FORMAT: SEGD
TAPE FORMAT: SEGD 6250

GEOPHONE ARRAY:

2 STRINGS OF 9 MARK L-28-D
1.16 M BETWEEN GEOPHONES
14 HZ RESONANT FREQUENCY
0.6 DAMPING FACTOR

SOURCE:

NON-LINEAR VIBROSEIS:
SWEEP FREQUENCIES: 6 - 74 HZ
SWEEP LENGTH: 16.5
SWEEP DESCRIPTION: RATE 0.2941 DB/HZ
VP OFFSET 10.0 M TOWARD ASCENDING STATION

SPREAD GEOMETRY:

DIRECTION SHOT: N ----------> S
STATION SPACING: 20.0 M SOURCE SPACING: 20.0 M

SPREAD DIAGRAM - VP 610

```
TRN  1          120        121          240
                          V
STN  489        608 P      613          732
     |          |  |       |            |
     |----------|  *       |------------|
-2430.0 M   - 50.0      50.0 M       2430.0 M
```

PROCESSING SEQUENCE:

- DEMULTIPLEX FIELD DATA TO SEGY FORMAT
- IDENT
- RESAMPLE TO 4 MS
- APPLY REFRACTION AND ELEVATION STATICS
- EXPONENTIAL GAIN CORRECTION
- DUAL DOMAIN FK FILTER
  0 - 2500 M/S, -3 DB ATTENUATION
- DECONVOLUTION
  0.35 PREWHITENING
  AUTO OPERATOR
  ZERO-PHASE OUTPUT
- SORT TO CMP
- VELOCITY ANALYSIS
- SURFACE CONSISTENT STATICS
- VELOCITY ANALYSIS
- NMO CORRECT
- STRETCH BLANKING
- NON-SURFACE-CONSISTENT TRIM STATICS
- CMP STACK
- TIME-VARYING WHITENING DECONVOLUTION
  W-0.015 NOISE, 80 MS OPERATOR
- WAVE-EQUATION (KIRCHOFF) MIGRATION
- RESAMPLE TO 1 MS

DISPLAY PARAMETERS:

HORIZONTAL SCALE 1:20000.
VERTICAL SCALE 7.50 IN/SEC

INTERPRETER: LEAVY
PROCESSOR: DEERE/CUDRAK
DATE: JUL-1989

VERSION: 4 9229-SC-7E

Canada Oil and Gas Lands Administration
Administration des droits et des gaz des terres du Canada
MAR 23 1991
Resource Evaluation Branch
Division de l'évaluation des ressources
Project #

terra
2090 Walkley Rd. Ottawa, Ont. Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 0220.007E
LINE NO. A003000170
PART NO. 1 OF 1
R.R. 8X