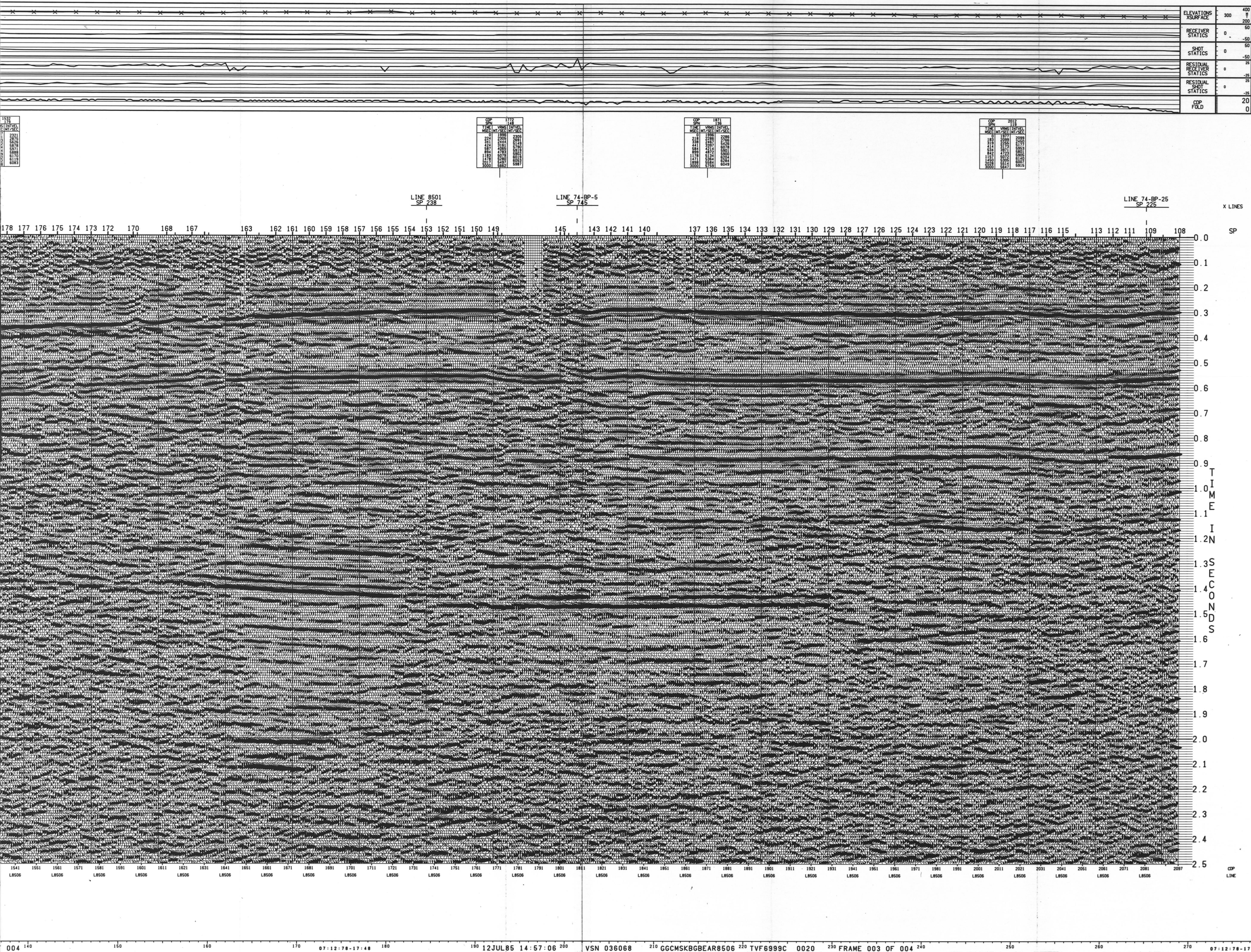




LINE 8506
SP 108 TO 245
PETRO CANADA
AREA : GREAT BEAR LAKE

EAST → DIRECTION SHOT →

MIGRATED STACK (NORMAL POL.)

FIELD DATA

RECORDED BY : SEISCON DELTA UNITED PARTY 552
DATE : MARCH - APRIL 1985
INSTRUMENTATION : DFS V
NO. OF TRACES : 96
RECORDING FILTER : 18 - 128 HZ
FORMAT : SEG9 9 TRACK
RECORD LENGTH : 8 SECONDS
SAMPLE RATE : 2 MSEC
DENSITY : 1800 G P 1
GEOPHONE TYPE : GEOSOURCE 10 HZ
RECORDING SPREAD : 1817 M
GROUP INTERVAL : 30 METERS
SHOT POINT INTERVAL : 122 METERS
INTENDED COVERAGE : 12 FOLD
GEOPHONE ARRAY : 9 GEOPHONES IN LINE AT 8.25 METERS
ENERGY SOURCE : DYNAMITE
WEIGHT : 2 KGS PER HOLE
HOLE DEPTH : 18 METERS
PATTERN : SINGLE HOLE

DIGITAL PROCESSING

DATUM : 305 METERS A.S.L. REPLACEMENT VELOCITY : 2480 METERS/SECOND

1. DEMULTIPLEX : OUTPUT AT 2 MSEC. SAMPLING TO 0 SECONDS
2. TRACE EDITING : FROM FIELD MONITORS
3. STATICS COMPUTATIONS : WEATHERING STATICS FROM FIRST BREAK ANALYSIS
4. TRUE AMPLITUDE RECOVERY : 7 DB/SEC FROM 0 TO 3.0 SECONDS
5. FIRST BREAK NOISE SUPPRESSION : ONE OPERATOR OF 80 MSEC.
6. DECONVOLUTION : 1.0 PERCENT WHITE NOISE LEVEL
DESIGN GATES: 300 TO 1600 MSEC. NEAR TR
850 TO 2250 MSEC. FAR TR
7. EQUALIZATION : SURFACE CONSISTENT AUTOMATIC STATICS
(HSTATIC) PLUS TRIM STATICS
8. RESIDUAL STATICS ANALYSIS : STATISTICS APPLICATION
9. RELATIVE STATICS - RESIDUAL : VELOCITY ANALYSIS FROM VELSCANS
STATISTICS APPLICATION : (BEFORE AND AFTER AUTOMATIC STATICS)
10. NORMAL MOVEOUT CORRECTION : MEAN DATUM STATICS APPLICATION
11. MEAN DATUM STATICS APPLICATION : TIME (IN MSEC.) OFFSETS (IN METERS)
12. STACK MUTE : -50 68
400 264
1100 495
13. CDP STACK : 12 FOLD
14. MIGRATION : WAVE EQUATION MIGRATION
KIRCHOFF T/X DOMAIN
DIP LIMITED
15. TIME INVARIANT FILTER : 10/20 - 50/60 HZ
16. TIME VARIANT SCALING : (10 X 100) 200,200,300,500 MSEC. GATES
START TIME = 0 MSEC

DISPLAY

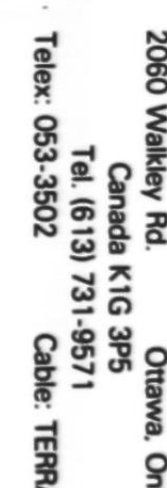
HORIZONTAL SCALE : 16.0 TR/IN 60.606049 TR/KM
VERTICAL SCALE : 7.500000 IN / SEC
POLARITY : NORMAL
TRACE TYPE : WTVAR 0.0 PERCENT
DATUM : 305 M A.S.L.
DISPLAY UNIT : 0.677333 CM

DISPLAY GAIN

12 JUL 1985
14:50:58

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD
PROCESSING PARTY CHIEF : J. LIKUSKI



9 2 2 9 - P 2 8 - 5 E

PART NO. 2 OF 2 R.R. 8X