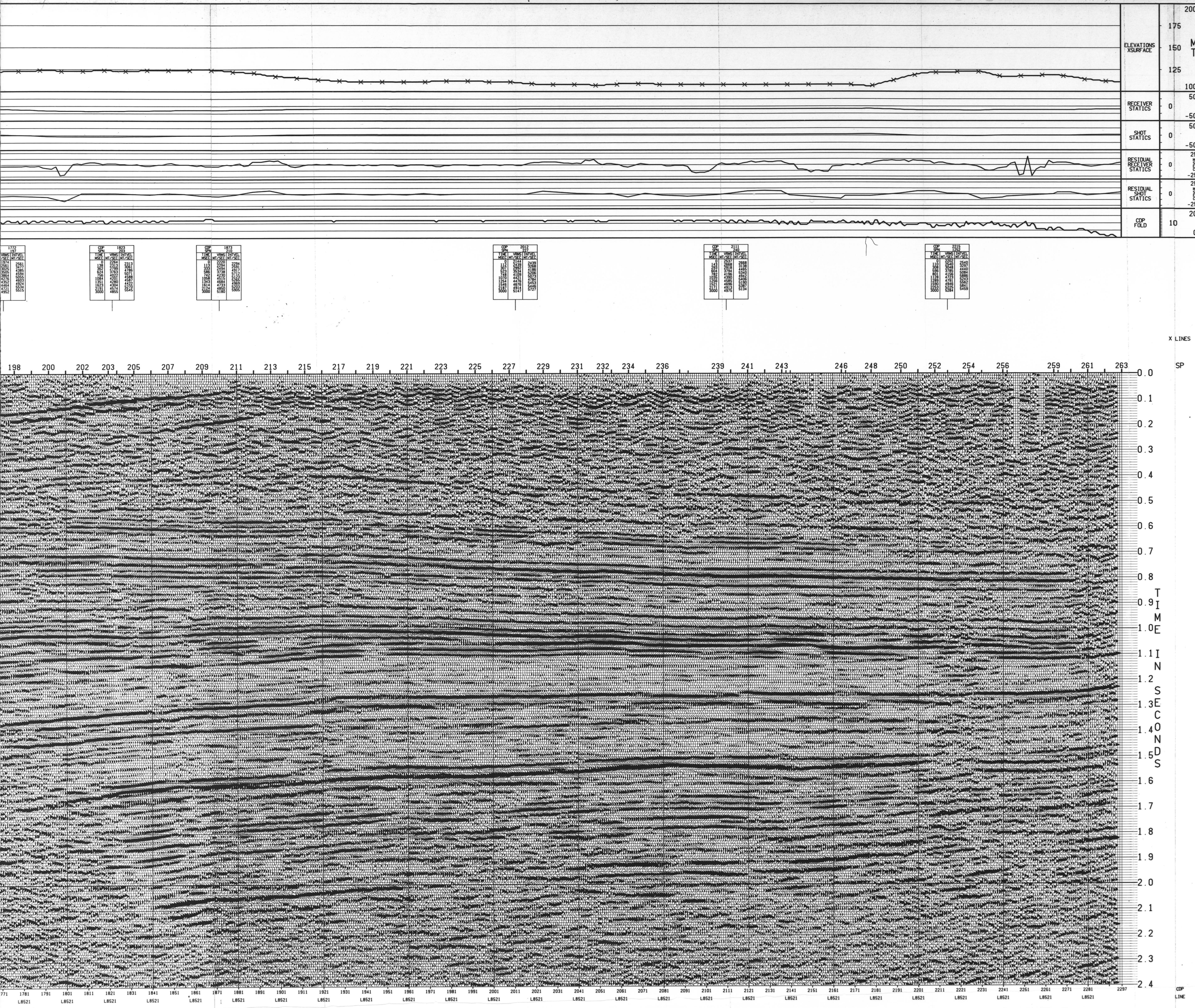




LINE 21
SP 101 TO 263

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

MIGRATED STACK (NORMAL POL.)

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 362
DATE : MARCH - APRIL 1985
INSTRUMENTATION :
AMPLIFIERS : DFS V
NO. OF TRACES : 96
RECORDING FILTER : 8 - 128 HZ
FORMAT : SEOB 3 TRACK
RECORD LENGTH : 6 SECONDS
SAMPLE RATE : 2 MSEC
DENSITY : 1800 P.P.I.
GEOPHONE TYPE : LRS 14 HZ
RECORDING SPREAD :
GROUP INTERVAL : 33 METERS
SHOT POINT INTERVAL : 132 METERS
INTENDED COVERAGE : 12 FOLD
GEOPHONE ARRAY : 9 GEOPHONES IN LINE AT 7.5 METERS
CONFIGURATION :
ENERGY SOURCE :
TYPE : DYNAMITE
WEIGHT : 2 KGS. PER HOLE
HOLE DEPTH : 18 METERS
PATTERN : SINGLE HOLE
TR96 : TR49 : SP : TR48 : TR1 :
1617 M. 66 M. 66 M. 1617 M.

DIGITAL PROCESSING

DATUM : 150 METERS A.S.L. REPLACEMENT VELOCITY : 3200 METERS/SECOND
1. DEMULTIPLY : OUTPUT AT 2 MSEC. SAMPLING TO 3 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 1800 MSEC. NEAR TR
950 TO 2250 MSEC. FAR TR
7. EQUALIZATION :
8. RESIDUAL STATICS ANALYSIS : SURFACE CONSISTENT AUTOMATIC STATICS
(HSTATC) PLUS TRIM STATICS
9. RELATIVE STATICS + RESIDUAL STATICS APPLICATION :
10. NORMAL MOVEOUT CORRECTION : VELOCITY ANALYSIS FROM VELSCANS
(BEFORE AND AFTER AUTOMATIC STATICS)
11. MEAN DATUM STATICS APPLICATION :
12. STACK MUTE : TIME (IN MSEC.) : OFFSETS (IN METERS)
-50 : 66
0 : 264
400 : 495
1100 : 1617
13. CDP STACK : 12 FOLD
14. MIGRATION : WAVE EQUATION MIGRATION
KIRCHHOFF F/K DOMAIN
DIP LIMITED
15. TIME INVARIANT FILTER : 10/20 - 90/70 HZ
16. TIME VARIANT SCALING : (10 X 100) 200, 200, 300, 500 MSEC. GATES
START TIME : 0 MSEC
DISPLAY POLARITY : NORMAL (PEAK ON DISPLAY REPRESENTS POSITIVE NUMBER ON TAPE)

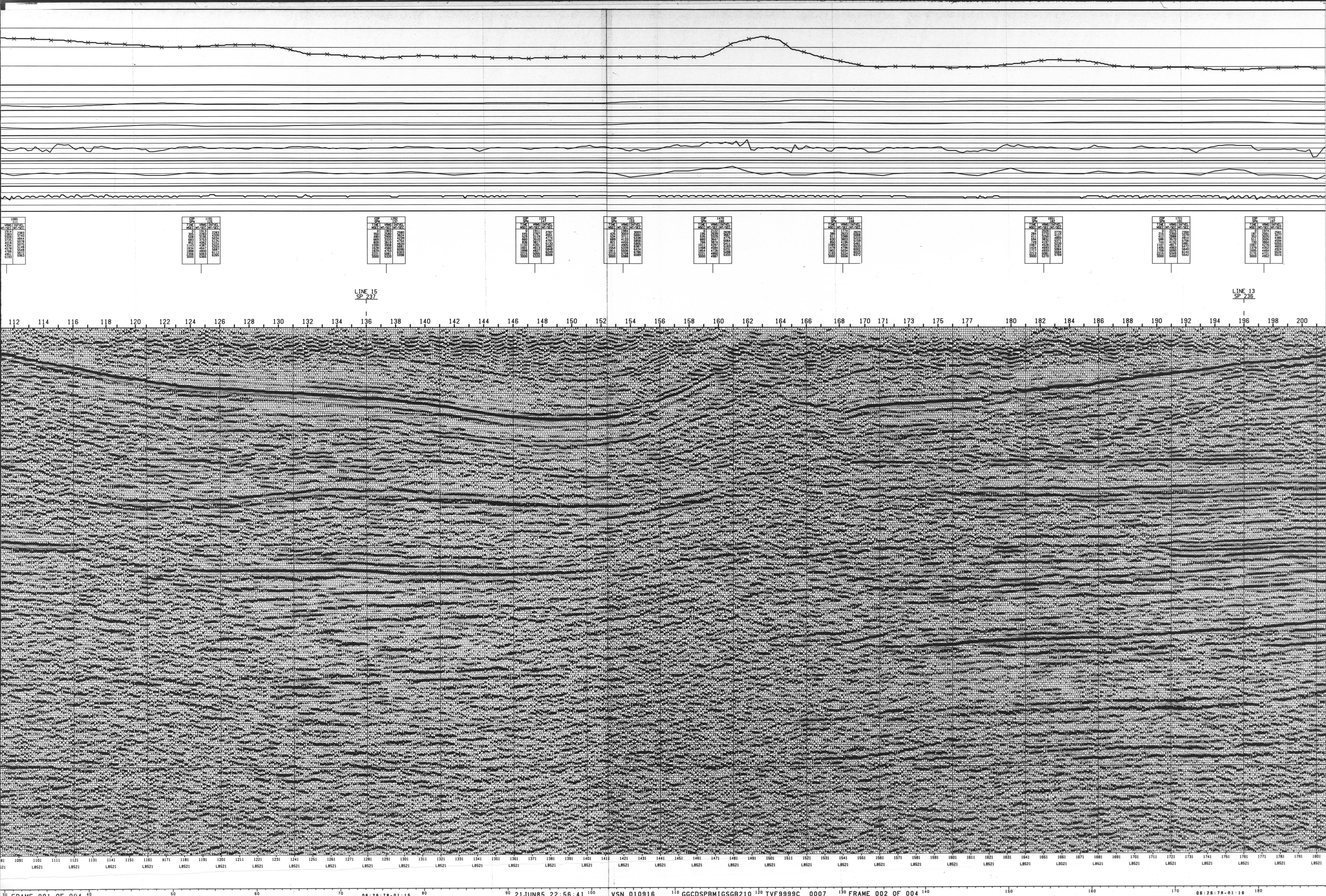
DISPLAY

HORIZONTAL SCALE : 12.0 TR/IN 60.606049 TR/KM
VERTICAL SCALE : 10.0 IN / SEC
POLARITY : NORMAL
TRACE TYPE : BIAS : 0.0 PERCENT
DATUM : 150 M A.S.L.
DISPLAY UNIT : 0.987619 CM
DISPLAY GAIN :
CDP : ALL
LINE : ALL
TR : ALL
MSEC : 0
0.0 0.250 0.500 1.000

21 JUN 1985
22:45:38

CALGARY LAND 6430

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



MIGRATED STACK (NORMAL POL.)

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