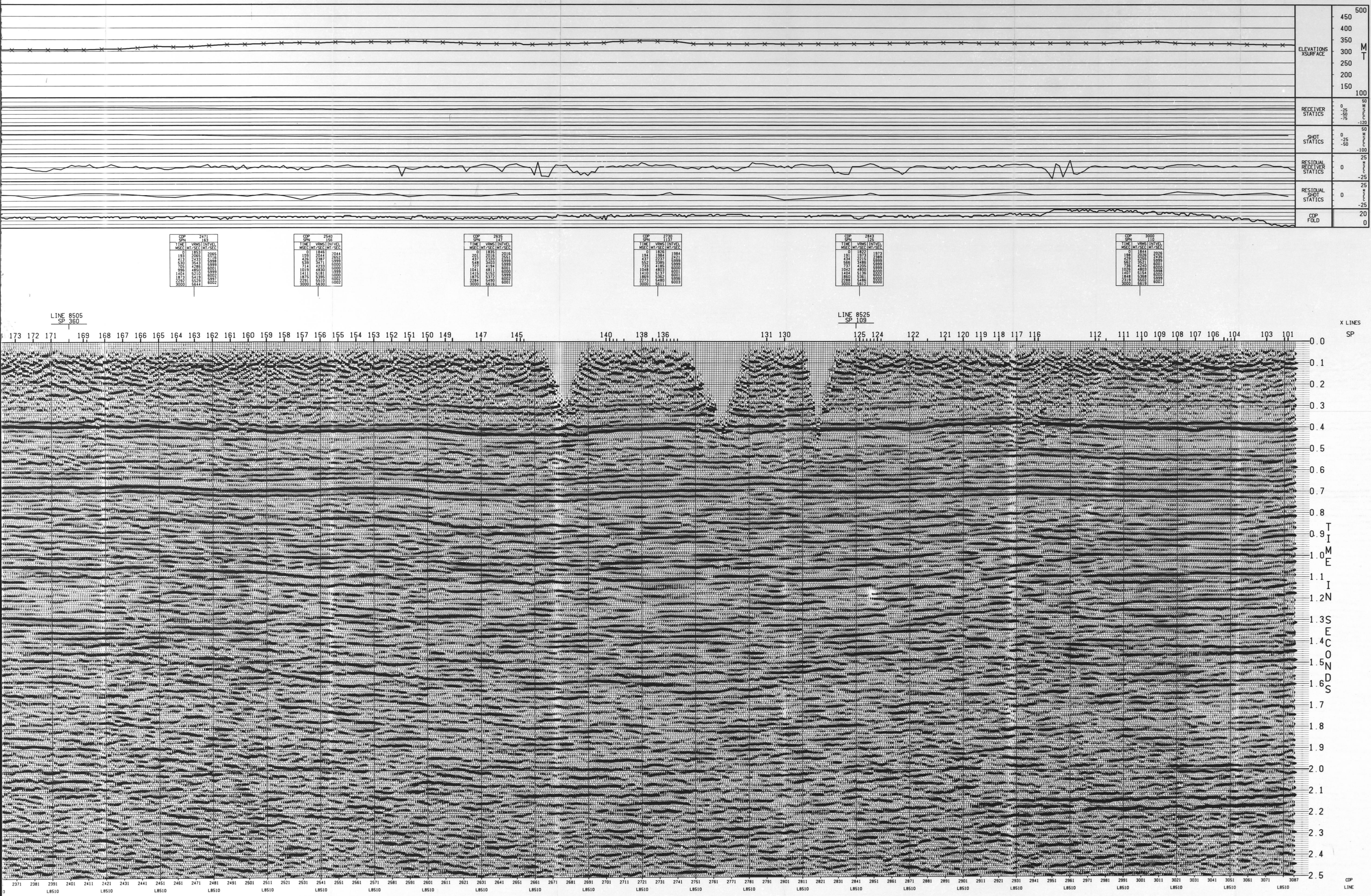




LINE 8510
SHOT POINTS 310 TO 101

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-G

MIGRATION (NORMAL POL.)

FIELD DATA

RECORDED BY: SEISCOM DELTA UNITED PARTY 552
RECORDED FOR: PETRO CANADA
DATE: JANUARY-MARCH 1986

INSTRUMENTATION

AMPLIFIERS: DFS V
NO OF TRACES: 120
RECORDING FILTER: 18 - 128 HZ
FORM: 5000
RECORD LENGTH: 4 SECONDS
SAMPLE RATE: 2 MSEC
TAPE DENSITY: 1800 B P I
GEOPHONE TYPE: MARK L-28 14 HZ

RECORDING SPREAD

GROUP INTERVAL: 20 METERS
SHOT POINT INTERVAL: 12 FOLD
INTENDED COVERAGE: 3 GEOPHONES IN LINE AT
GEOPHONE ARRAY: 2.4 METERS

CONFIGURATION

TR120 TR61 SP TR60 TR1
1200 M 1200 M

ENERGY SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 2.0 KG PER HOLE
HOLE DEPTH: 14.0 METERS
PATTERN: SINGLE HOLE

DIGITAL PROCESSING

DATUM: 305 METERS A.S.L. REPLACEMENT VELOCITY: 2450 METERS/SEC

1. MULTITRACE OUTPUT AT 2 MSEC SAMPLING TO 4 SECONDS

2. TRACE EDITING FROM FIELD MONITORS

3. STATICS COMPUTATIONS ELEVATION STATICS

4. TRUE AMPLITUDE RECOVERY 7 DB/SEC FROM 0 TO 3.0 SECONDS

5. MUTE FIRST BREAK NOISE SUPPRESSION

6. DECONVOLUTION ONE OPERATOR OF 80 MSEC
1.0 PERCENT WHITE NOISE LEVEL
DESIGN GATES: 200 TO 1800 MSEC NEAR TRACE
800 TO 1800 MSEC FAR TRACE

7. EQUALIZATION

8. VELOCITY ANALYSIS SURFACE REFERENCED (TYPE: VELSCAN)

9. RESIDUAL STATICS ANALYSIS SURFACE CONSISTENT AUTOMATIC STATICS (HSTATIC)

10. VELOCITY ANALYSIS SURFACE REFERENCED (TYPE: VELSCAN)
(RELATIVE - RESIDUAL STATICS APPLIED)

11. MEAN DATUM STATICS APPLICATION

12. TRIM STATICS

13. STACK MUTE TIME (IN MSEC) OFFSETS (IN METERS)
-50 260
250 600
1000 1200

14. COMMON DEPTH POINT STACK 12 FOLD

15. MIGRATION WAVE EQUATION MIGRATION
KIRCHOFF F/K DOMAIN
DIP LIMITED

16. TIME INVARIANT FILTER 13/23 - 50/60 HZ

17. TIME VARIANT SCALING (10 X 100 3 200 200 300 500 MSEC GATES
START TIME - 0 MSEC

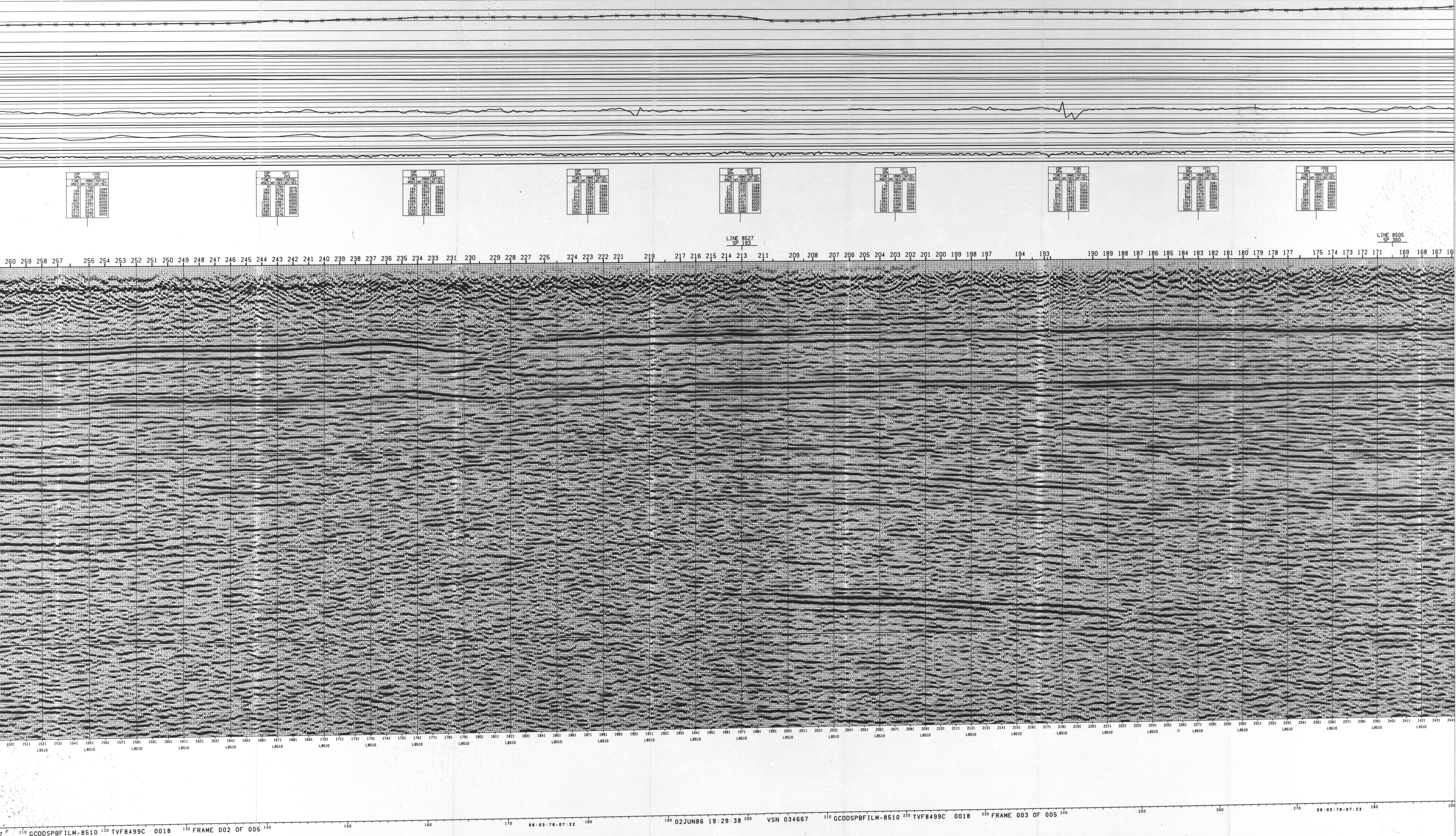
DISPLAY POLARITY NORMAL (PEAK ON DISPLAY REPRESENTS
POSITIVE NUMBER ON TAPE)

DISPLAY

HORIZONTAL SCALE: 10.0 TR/IN 100.0 TR/KM
VERTICAL SCALE: 7.50000 IN / SEC
POLARITY: NORMAL
TRACE TYPE: BIAS 0.0 PERCENT
DUTY: 305 MT A.S.L.
DISPLAY UNIT: 0.832418 CM

DISPLAY GAIN

AMP: 1.0
GAIN: 1.0
TIME: 1.0
MSEC: 1.0



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