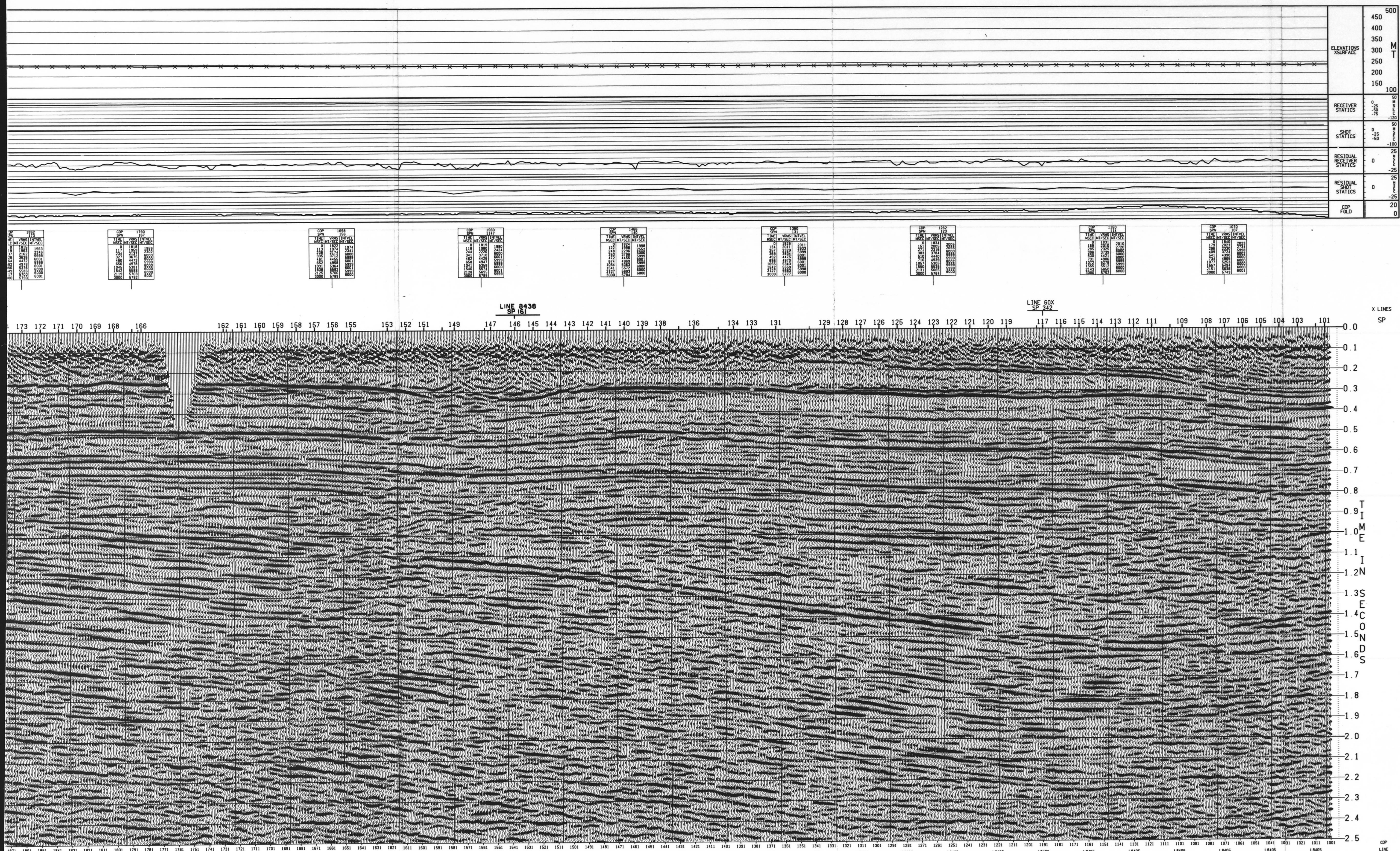




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LINE 8405
SHOT POINTS 101 TO 439

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-B

SOUTH EAST → ← DIRECTION SHOT

MIGRATION (NORMAL POL.)

FIELD DATA

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

INSTRUMENTATION

AMPLIFIERS : DFG V
NO. OF TRACES : 120
RECORDING FILTER : 120 HZ
FORM : 120 HZ
RECORD LENGTH : 18 SECS
SAMPLE RATE : 2 SECS
TAPE DENSITY : 1600 B P I
GEOPHONE TYPE : MARK L-28 14 HZ

RECORDING SPREAD : 20 METERS
SHOT POINT INTERVAL : 120 METERS
INTENDED COVERAGE : 10 FOLD
GEOPHONE ARRAY : 8 GEOPHONES IN LINE
CONFIGURATION : 2.4 METERS

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

DIGITAL PROCESSING

DATUM : 300 METERS A.S.L. REPLACEMENT VELOCITY : 2450 METERS/SEC

1. DEMULTIPLEX : OUTPUT AT 2 MSEC. SAMPLING TO 4 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. MUTE : FIRST BREAK NOISE SUPPRESSION

6. DECONVOLUTION : ONE OPERATOR OF 80 MSEC
1.0 PERCENT WHITE NOISE LEVEL
DESIGN GATES : 250 TO 1800 MSEC NEAR TRACE
900 TO 1800 MSEC FAR TRACE

7. EQUALIZATION : SURFACE REFERENCED (TYPE - VELSCAN)

8. VELOCITY ANALYSIS : SURFACE CONSISTENT AUTOMATIC STATICS (NSTATIC)

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

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) : 0 25 50 100 200 500 1000
OFFSETS (IN METERS) : 0 25 50 100 200 500 1000

14. COMMON DEPTH POINT STACK : 10 FOLD

15. MIGRATION : WAVE EQUATION MIGRATION
KIRCHOFF P/K DOMAIN
DIP LIMITED

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

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

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

DISPLAY

HORIZONTAL SCALE : 25.0 TR/IN 100.0 TR/KM
VERTICAL SCALE : 3.750000 IN / SEC
POLARITY : NORMAL
TRACE TYPE : BIAS : MVAR 0.0 PERCENT
DIP : 305 MT A.S.L.
DISPLAY UNIT : 0.412238 CM

DISPLAY GAIN

0.5 1.0 2.0 5.0 10.0 20.0 50.0 100.0 200.0 500.0 1000.0

22 APR 1986 09:47:11 CALGARY LAND 6430/135133

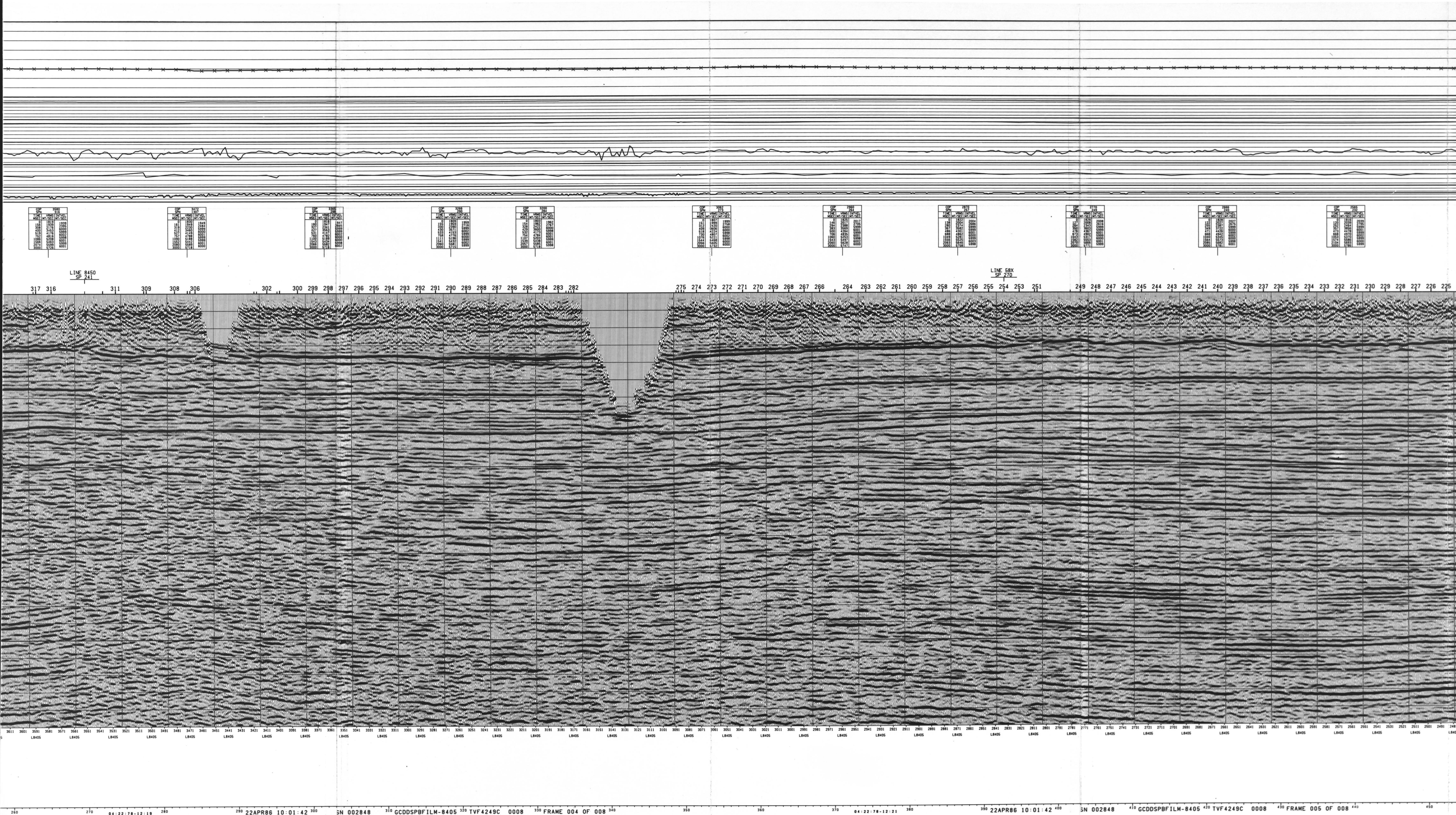
GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

LINE 8405
SHOT POINTS 101 TO 439

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-B

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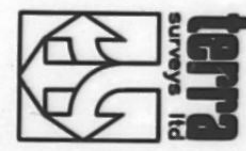
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Fax: (613) 351-3535
Cable: TERRA

PROJ. NO. 9

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LINE NO.

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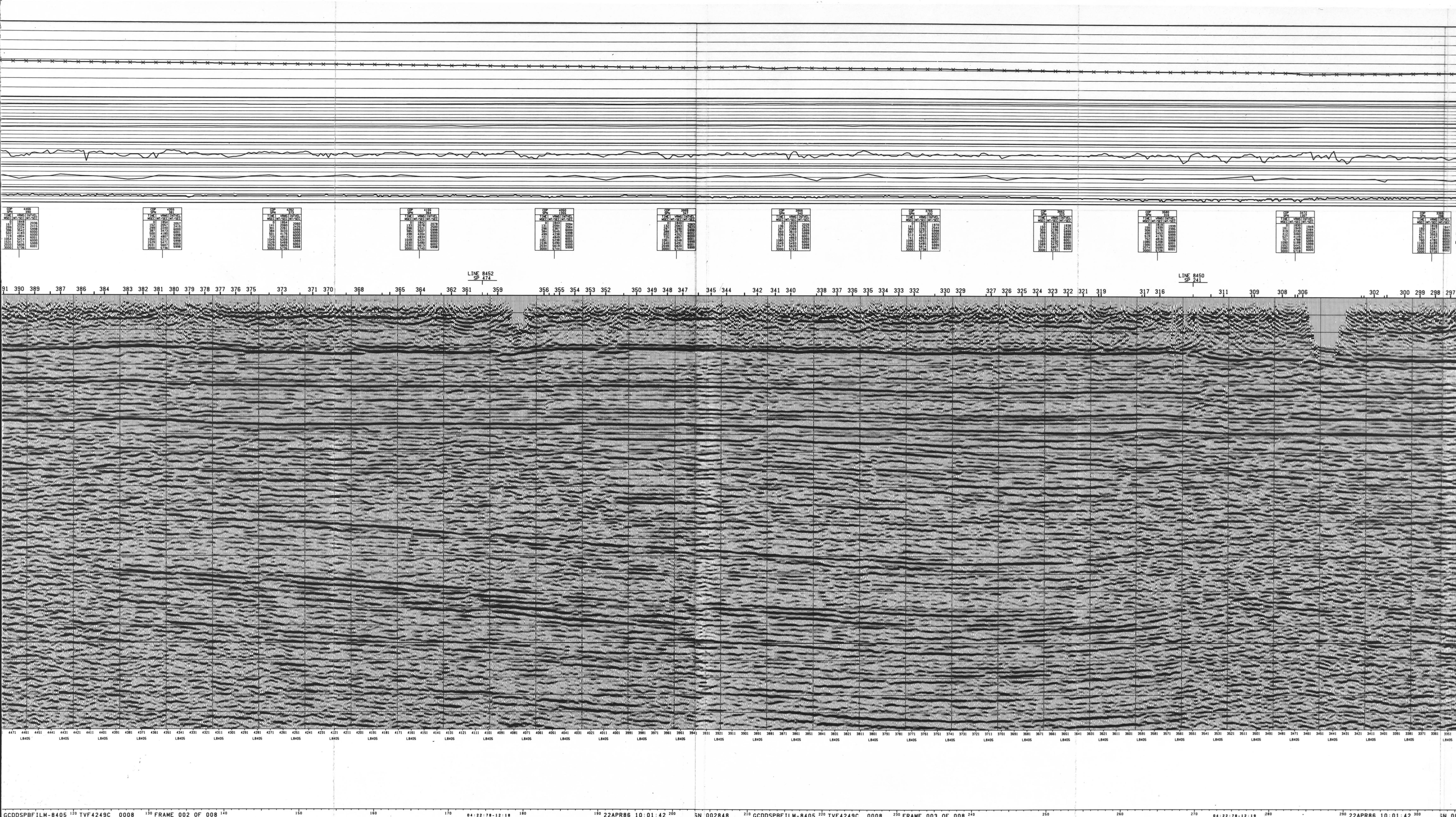
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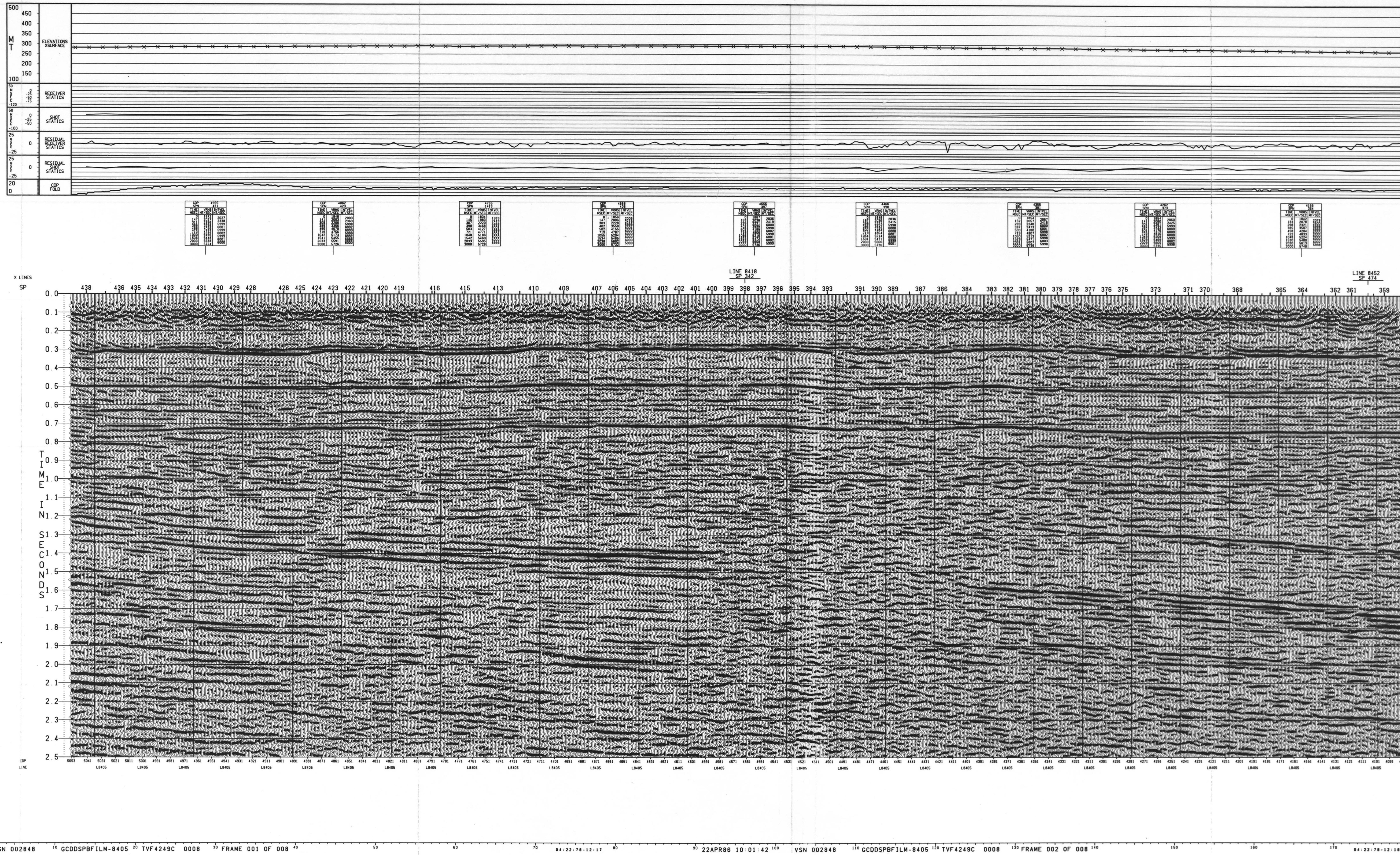
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MIGRATION (NORMAL POL.)

LINE 8405
SHOT POINTS 101 TO 439

PETRO CANADA
AREA GREAT BEAR LAKE
N/S 96-B