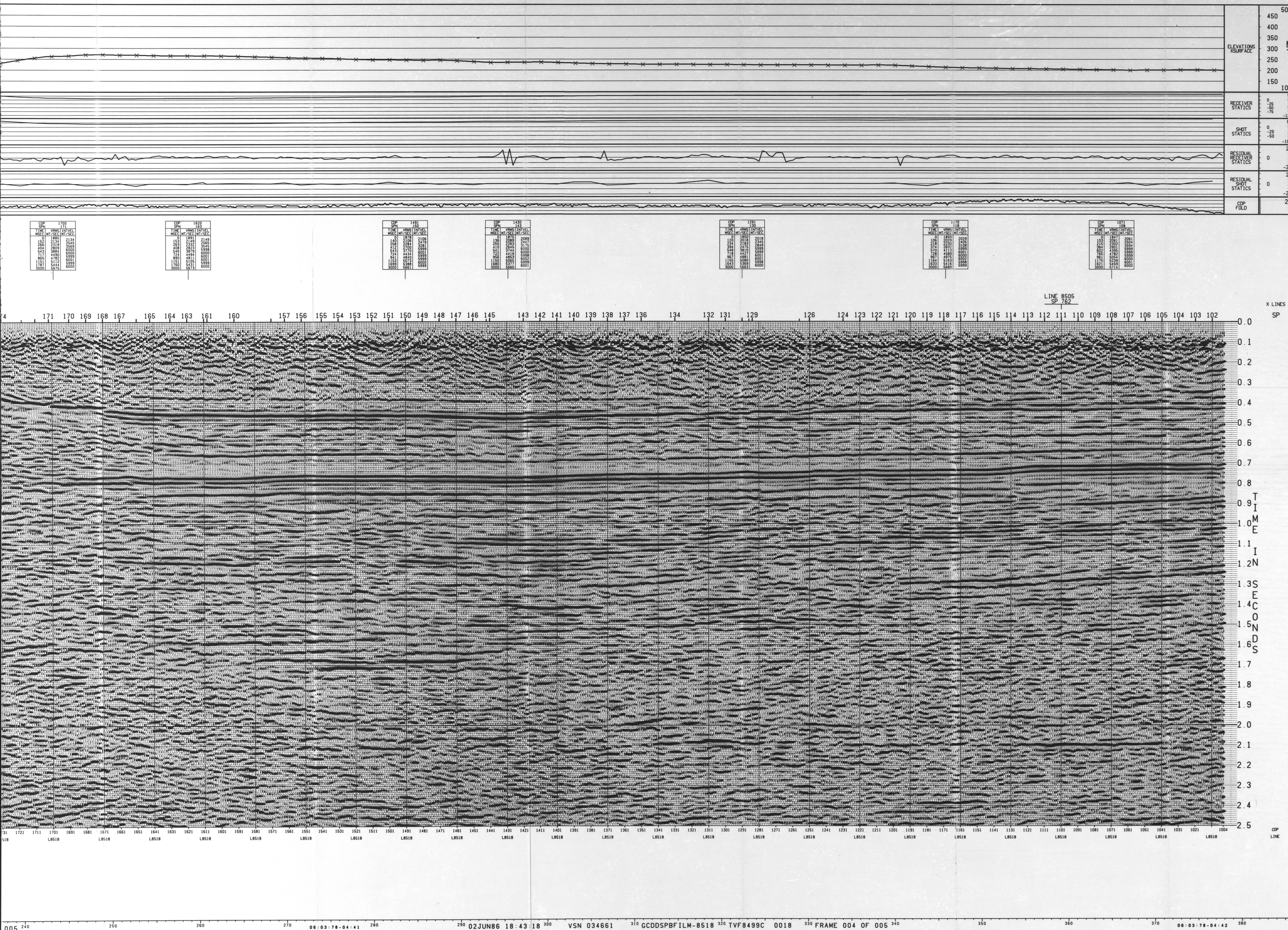




LINE 8518
SHOT POINTS 101 TO 291

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-F

MIGRATION (NORMAL POL.)

FIELD DATA

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

INSTRUMENTATION

AMPLIFIERS : DVS F
NO. OF TRACES : 120
RECORDING FILTER : 18 - 128 HZ
FORMAT : SECB
RECORD LENGTH : 4 SECONDS
SAMPLE RATE : 2 HSEC
TAPE DENSITY : 1800 S.P.I.
GEOPHONE TYPE : MARK L-28 14 HZ

RECORDING SPEED : 20 METERS
SHOT POINT INTERVAL : 100 METERS
INTENDED COVERAGE : 12 FOLDS
GEOPHONE ARRAY : 9 GEOPHONES IN LINE AT 2.4 METERS

ENERGY SOURCE : DYNAMITE
TYPE : 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. DEMULTIPLIER : OUTPUT AT 2 HSEC. 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 : SURFACE REFERENCED (TYPE : VELSCAN)

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

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) : OFFSETS (IN METERS)
-50 0
0 200
100 500
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 : 16.0 TR/IN 100.0 TR/KM
VERTICAL SCALE : 7.500000 IN / SEC
POLARITY : NORMAL
TRACE TYPE : BIAS : 0.0 PERCENT
DIP : 0.0
DIP LIMITED : 0.0
DIP UNIT : 0.022478 CM

DISPLAY GAIN : 1000
GAIN : 1000
TIME : 1.000
TIME : 1.000

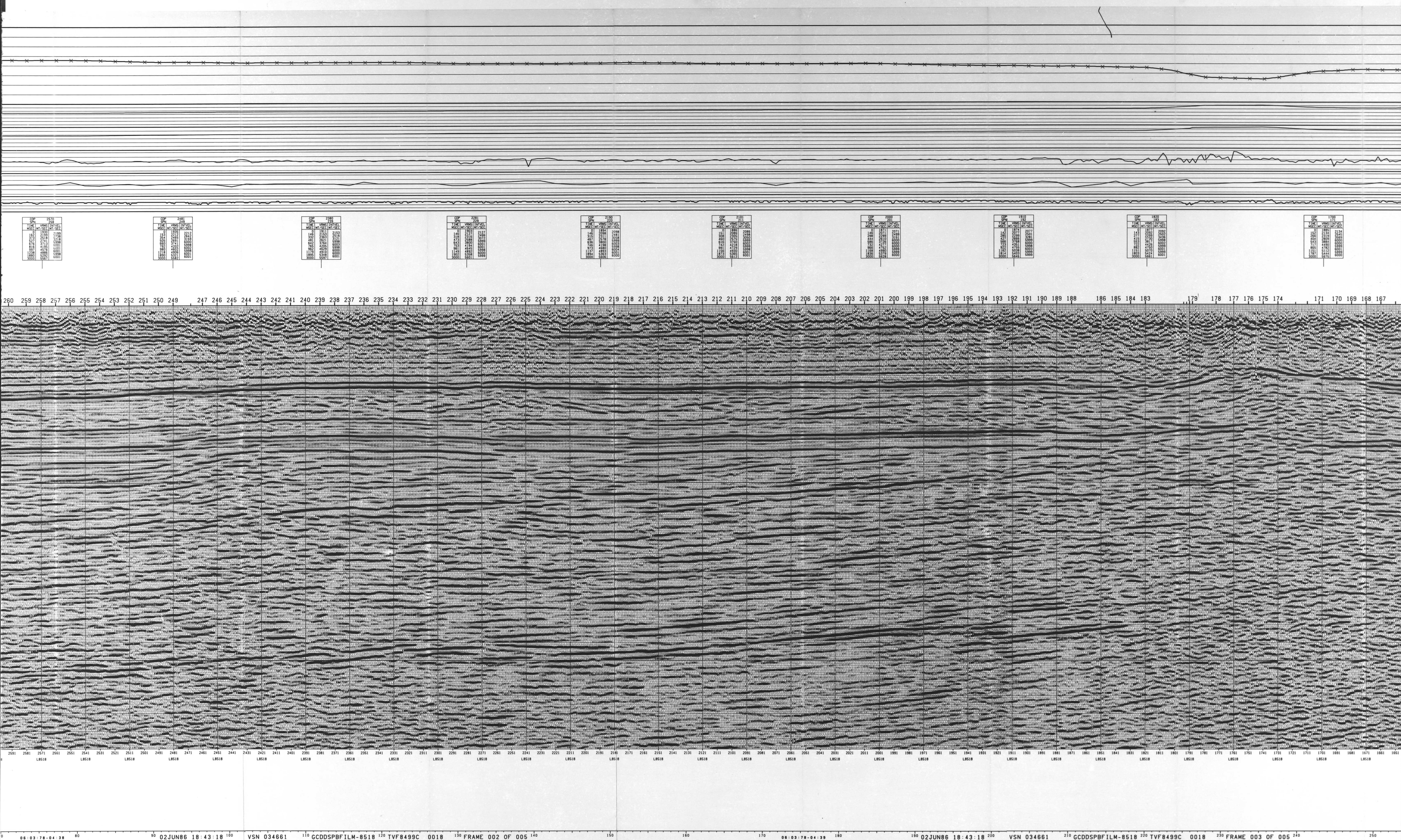
02 JUN 1986
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CALGARY LAND 6430/135133

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

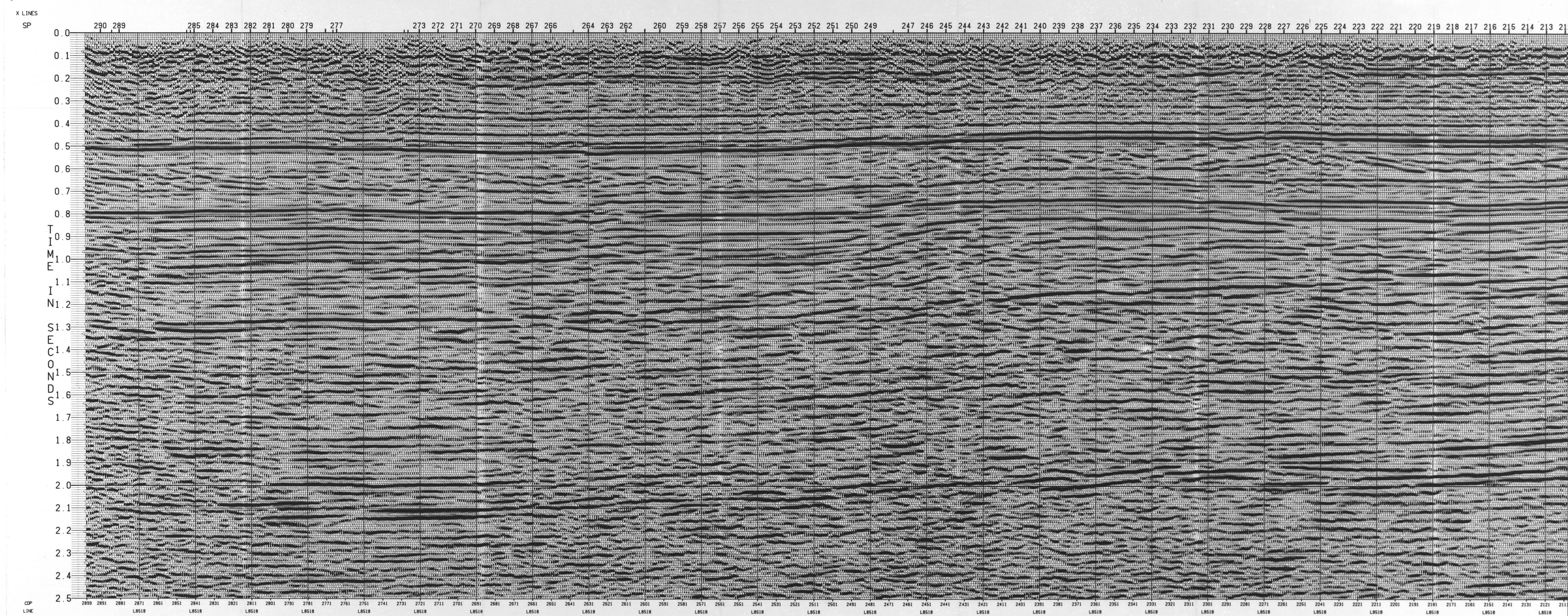
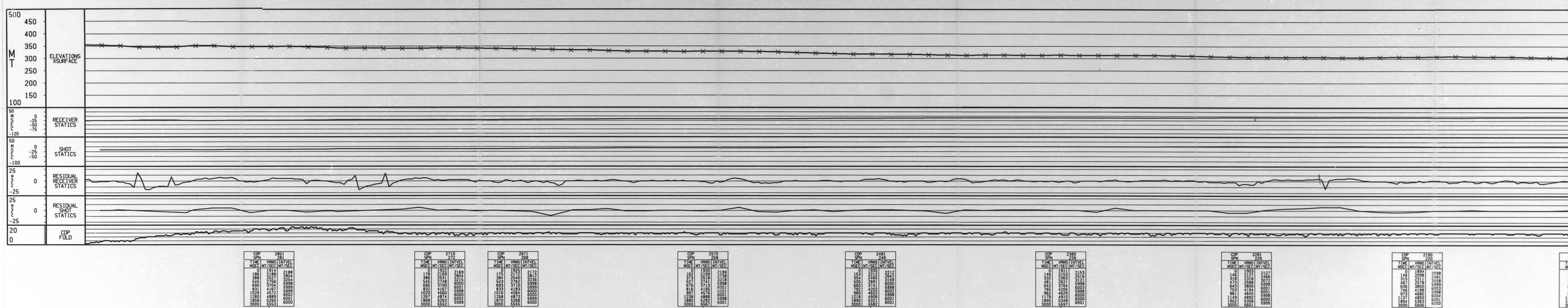
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MIGRATION (NORMAL POL.)

LINE 8518
SHOT POINTS 101 TO 291

PETRO CANADA
 AREA : GREAT BEAR LAKE
 NTS 96-F



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