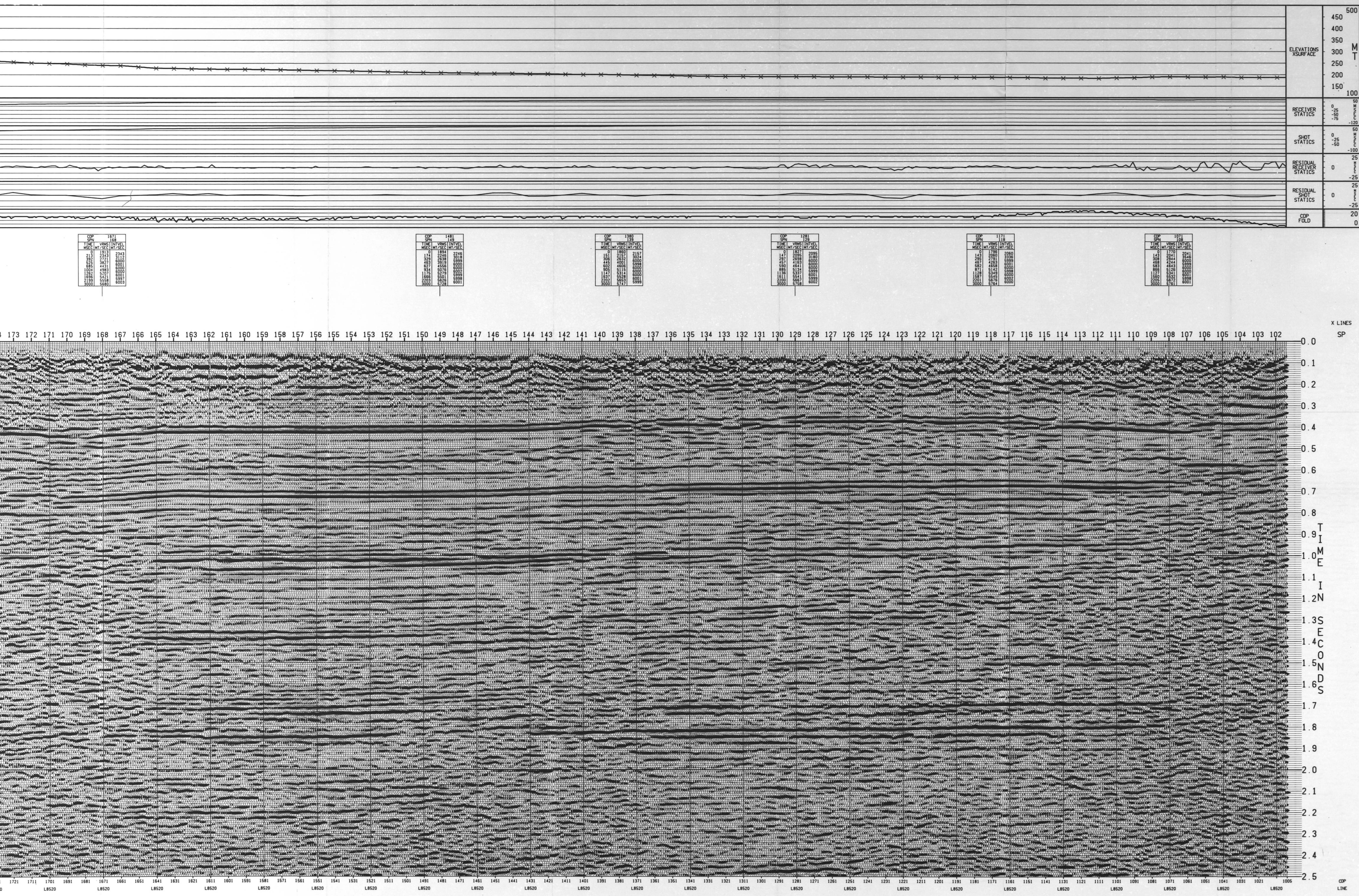




LINE 8520
SHOT POINTS 101 TO 256

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-F

NORTH EAST

DIRECTION SHOT

MIGRATION (NORMAL POL.)

FIELD DATA

RECORDED BY
RECORDED FOR
DATE
INSTRUMENTATION
AMPLIFIERS
NO OF TRACES
RECORDING FILTER
FORMAT
RECORD LENGTH
SAMPLE RATE
TAPE DENSITY
GEOPHONE TYPE
RECORDING SPREAD

SEISCON DELTA UNITED PARTY 552
PETRO CANADA
JANUARY-MARCH 1988
DFS V
120
18 - 128 HZ
SCG
4 SECONDS
2 MSEC
1600 B.P.I.
MARK L-28 14 HZ

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

GROUP INTERVAL
SHOT POINT INTERVAL
INTENDED COVERAGE
GEOPHONE ARRAY
CONFIGURATION

20 METERS
100 METERS
12 FOLD
8 GEOPHONES IN LINE AT
2.4 METERS

TR120 TR61 SP TR60 TR1
20 M * 20 M
1200 M 1200 M

DIGITAL PROCESSING

DATUM : 305 METERS A.S.L.
REPLACEMENT VELOCITY : 2450 METERS/SEC
1. DEMULTIPLY
2. TRACE EDITING
3. STATICS COMPUTATIONS
4. TRUE AMPLITUDE RECOVERY
5. MUTE
6. DECONVOLUTION
7. EQUALIZATION
8. VELOCITY ANALYSIS
9. RESIDUAL STATICS ANALYSIS
10. VELOCITY ANALYSIS
11. MEAN DATUM STATICS APPLICATION
12. TRIM STATICS
13. STACK MUTE
14. COMMON DEPTH POINT STACK
15. MIGRATION
16. TIME INVARIANT FILTER
17. TIME VARIANT SCALING

OUTPUT AT 2 MSEC. SAMPLING TO 4 SECONDS
FROM FIELD MONITORS.
ELEVATION STATICS
7 DB/SEC FROM 0 TO 3.0 SECONDS
FIRST BREAK NOISE SUPPRESSION
ONE OPERATOR OF 80 MSEC
1.0 PERCENT WHITE NOISE LEVEL
DESIGN GATES
200 TO 1800 MSEC NEAR TRACE
500 TO 1800 MSEC FAR TRACE
SURFACE REFERENCED (TYPE - VELSCAN)
SURFACE CONSISTENT AUTOMATIC STATICS (NSTATC)
SURFACE REFERENCED (TYPE - VELSCAN)
(RELATIVE - RESIDUAL STATICS APPLIED)
TIME(IN MSEC) OFFSETS(IN METERS)
-50 20
0 200
400 500
1000 1200
12 FOLD
WAVE EQUATION MIGRATION
KIRCHOFF F/K DOMAIN
DIP LIMITED
13/23 - 50/60 HZ
(10 X 100) 200 200 300 500 MSEC GATES
START TIME = 0 MSEC
NORMAL (PEAK ON DISPLAY REPRESENTS
POSITIVE NUMBER ON TAPE)

DISPLAY

HORIZONTAL SCALE
VERTICAL SCALE
POLARITY
TRACE TYPE - BIAS
DATUM
DISPLAY UNIT

- 15.0 TR/IN 100.0 TR/KM
- 7.500000 IN / SEC
- NORMAL
- MVAR 0.0 PERCENT
- 305 MT A.S.L.
- 0.822476 CM

DISPLAY GAIN
GAIN
-17.0

24 APR 1988
10:29:48

CALGARY LAND 6430/135133

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

04:24:78-13:07 180 24APR86 10:37:01 VSN 010683 GCDDSPBFILM-8520 TVF8499C 0018 FRAME 003 OF 004 240 250 260 270 04:24:78-13:08 280 24APR86 10:37:01 VSN 010683 GCDDSPBFILM-8520 TVF8499C 0018 FRAME 004 OF 004 340 350

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LINE NO. 8520
PART NO. 1
OF 2
R.R. 10X

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-F

