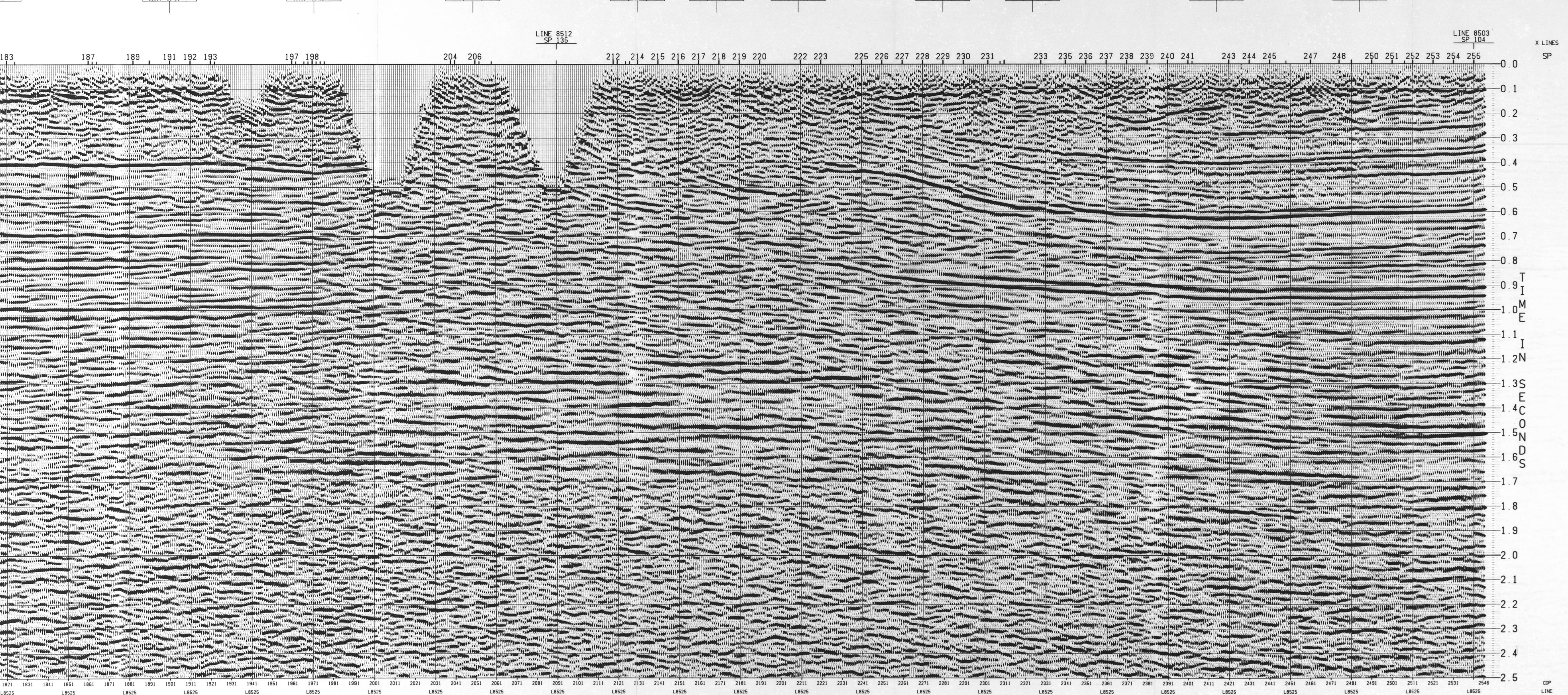
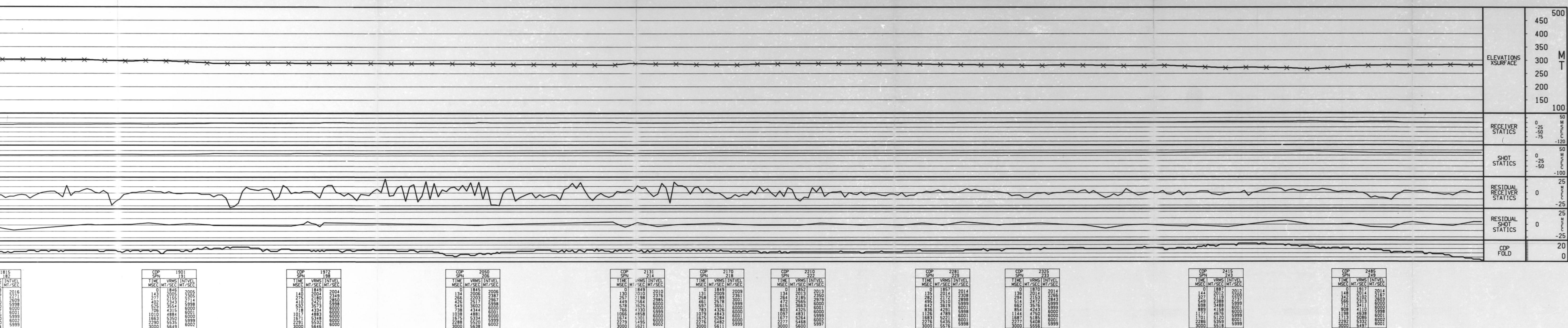




9229-P28-14E

LINE 8525
SHOT POINTS 101 TO 255

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-G

MIGRATION (NORMAL POL.)

FIELD DATA

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

INSTRUMENTATION

AMPLIFIERS: DFS V
NO. OF TRACES: 120
RECORDING FILTER: 18 - 128 HZ
FORMAT: SEG8
RECORD LENGTH: 4 SECONDS
SAMPLE RATE: 2 HSEC
TAPE DENSITY: 1800 P.P.I.
GEOPHONE TYPE: MARK L-28 14 HZ

RECORDING SPREAD

GROUP INTERVAL: 20 METERS
SHOT POINT INTERVAL: 100 METERS
INTENDED COVERAGE: 12 FOLD
GEOPHONE ARRAY: 9 GEOPHONES IN LINE AT 2.4 METERS

ENERGY SOURCE

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

TRIGGERS

TR120: 1200 M
TR1: 1200 M
TR60: 1200 M
TR1: 1200 M

DIGITAL PROCESSING

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

1. DEMULTIPLY: 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 3.8 SECONDS
5. MUTE: FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION: ONE OPERATOR OF 80 HSEC
1.0 PERCENT WHITE NOISE LEVEL
DESIGN GATES: 200 TO 1800 HSEC NEAR TRACE
900 TO 1800 HSEC FAR TRACE

7. EQUALIZATION
8. VELOCITY ANALYSIS: SURFACE REFERENCED (TYPE: VELSCAN)
9. RESIDUAL STATICS ANALYSIS: SURFACE CONSISTENT AUTOMATIC STATICS (HSTATC)
10. VELOCITY ANALYSIS: SURFACE REFERENCED (TYPE: VELSCAN) (RELATIVE - RESIDUAL STATICS APPLIED)
11. MEAN DATUM STATICS APPLICATION
12. TRIM STATICS
13. STACK MUTE: TIME (IN HSEC) OFFSETS (IN METERS)
-50 -20
400 -150
1000 -1200

14. COMMON DEPTH POINT STACK
15. MIGRATION: WAVE EQUATION MIGRATION
KIRCHOFF F/K DOMAIN
DIP LIMITED
13/23 55/65 HZ
16. TIME INVARIANT FILTER
17. TIME VARIANT SCALING: (1.0 X 100) 200 200 300 500 HSEC GATES
START TIME = 0 HSEC

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

DISPLAY

HORIZONTAL SCALE: 16.0 TR/IN 100.0 TR/KM
VERTICAL SCALE: 7.00000 IN / SEC
POLARITY: NORMAL
TRACE TYPE: BIAS: 0.0 PERCENT
DIP: 0.0
DISPLAY UNIT: 0.822476 CM

DISPLAY GAIN

AMP: 1
GAIN: 1
TIME: 1
MODE: 1

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

04 JUN 1986 10 52 45 CALGARY LAND 6430/135133

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

PETRO CANADA
 AREA : GREAT
 NTS 96-G

