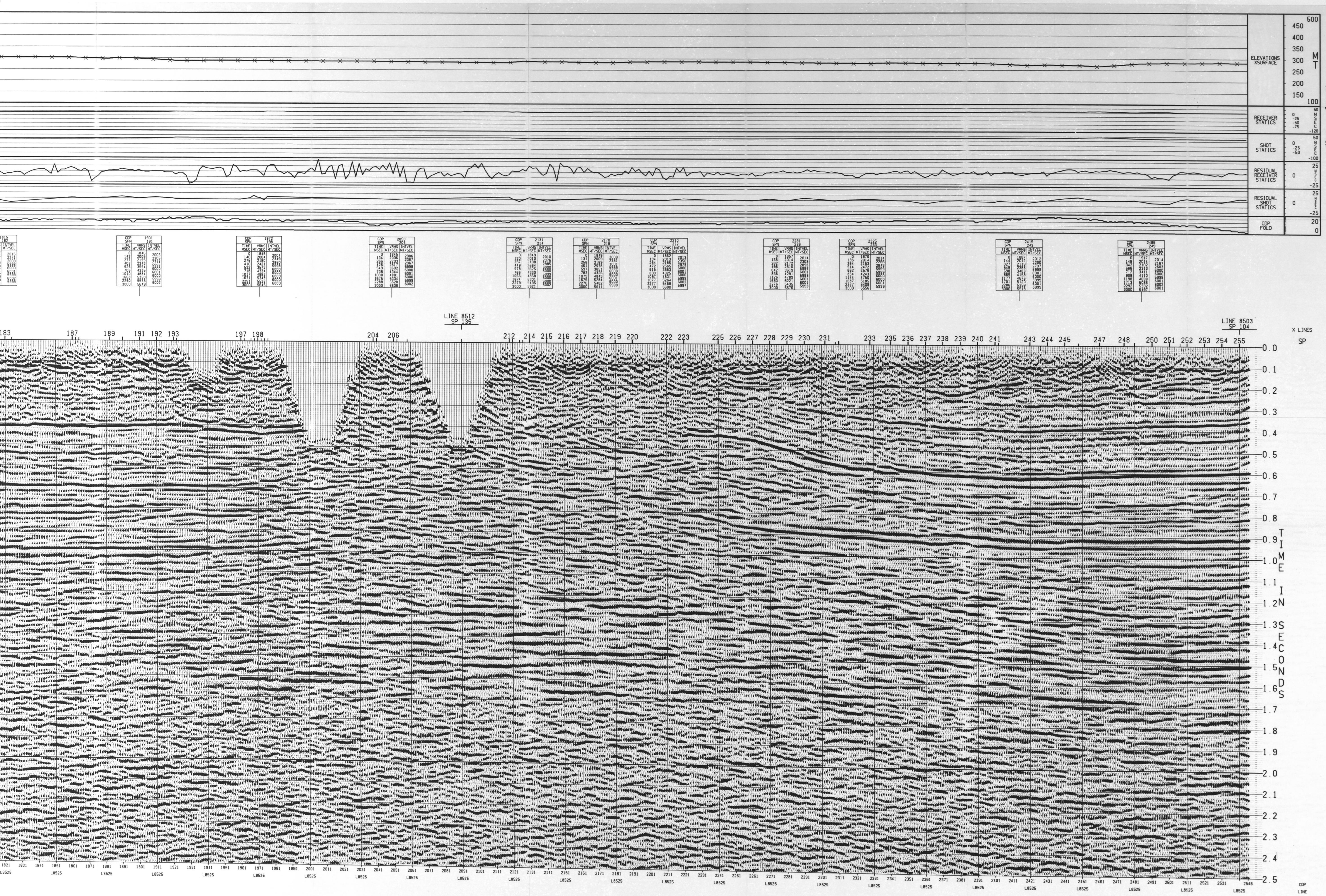

9229-P28-14E

LINE 8525
SHOT POINTS 101 TO 255

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-G

NORTH EAST → DIRECTION SHOT →

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
FORMAT	SEGB
RECORD LENGTH	4 SECONDS
SAMPLE RATE	2 MSEC
TAPE DENSITY	1600 B.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 INLINE AT 2.4 METERS

ENERGY SOURCE

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

CONFIGURATION

```
TR120           TR61          TR60           TR1
T.................T     SP     T..................T
                  < 20 M >< 20 M >
<--------- 1200 M -------><-------- 1200 M -------->
```

DIGITAL PROCESSING

DATUM : 305 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	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; 900 TO 1900 MSEC 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 MSEC) / OFFSETS(IN METERS): -50 / 20; 0 / 260; 400 / 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) 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	- WTVAR , 0.0 PERCENT
DATUM	- 305 MT A.S.L.
DISPLAY UNIT	- 0.822476 CM

DISPLAY GAIN INPUT	
CDP	ALL
GAIN DB	TIME MSEC
-77.0	0

0MI 0.25MI 0.5MI
0KM 0.25KM 0.5KM

04 JUN 1986
10:52:45

CALGARY LAND 6430/135133

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

MIGRATION (NORMAL POL.)

LINE 8525
SHOT POINTS 101 TO 255

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-G

MIGRATION (NORMAL POL.)

LINE 8525
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PETRO CANADA
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terra
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel (613) 731-9571
Telex 053-3502 Cable TERRA

PROJ. NO. 9229-P28-14E

LINE NO. 8525

PART NO. 2 OF 2

R.R. 10X