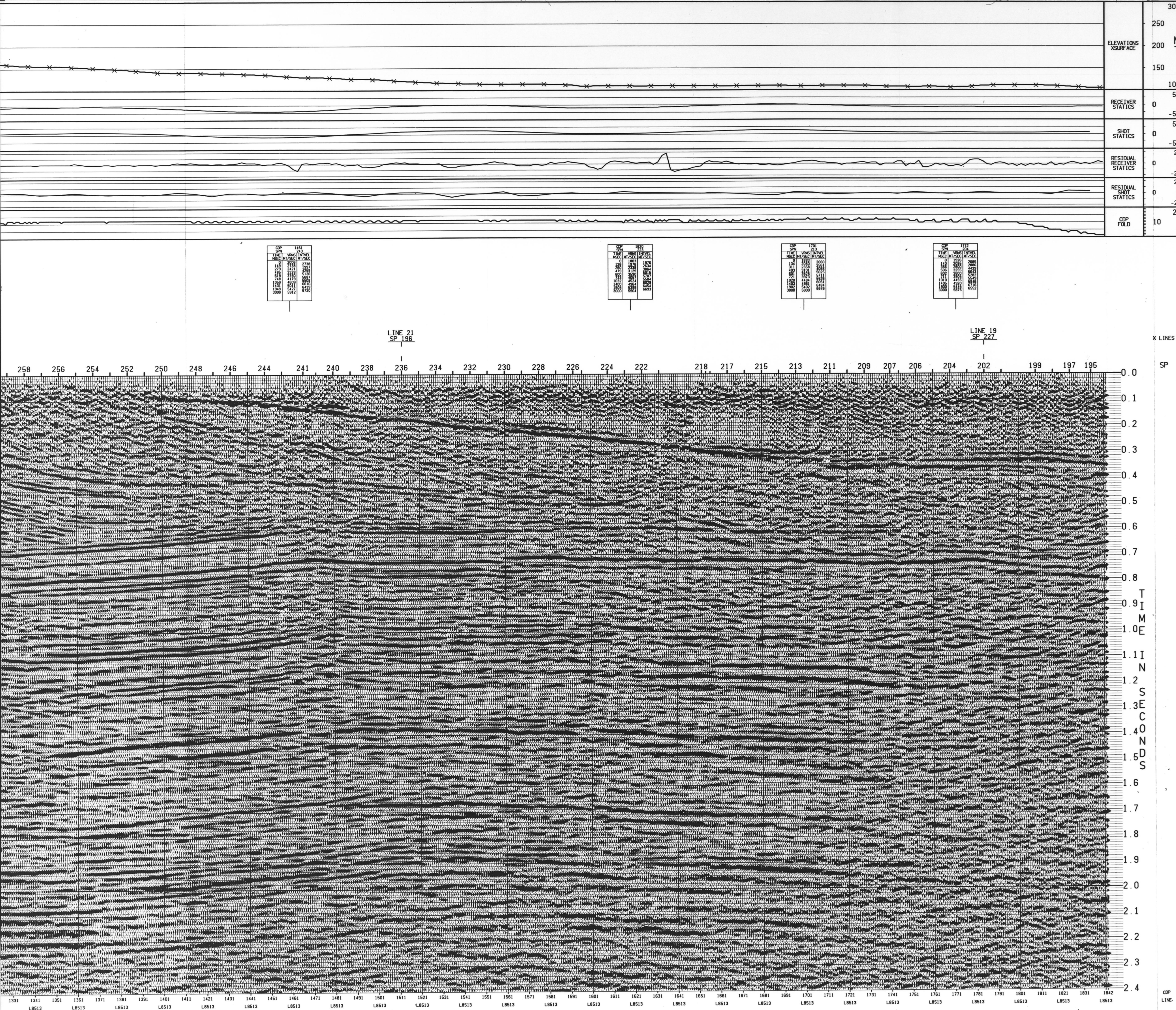




LINE 13B
SP 195 TO 300

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

9229 - P28 - 10F

MIGRATED STACK (REVERSED POL.)

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 36
DATE : MARCH - APRIL 1985

INSTRUMENTATION

```

AMPLIFIERS          : DFS V
NO. OF TRACES       : 96
RECORDING FILTER     : 8 - 120 HZ
FORMAT              : SEGB 9 TRAC
RECORD LENGTH        : 6 SECONDS
SAMPLE RATE          : 2 MSEC
DENSITY              : 1600 B P.I.
GEOPHONE TYPE        : LRS 14 HZ

```

RECORDING SPREAD

GROUP INTERVAL	: 33	METERS	TYPE	: DYNAMITE
SHOT POINT INTERVAL	: 132	METERS	WEIGHT	: 2 KGS. PER HOLE
INTENDED COVERAGE	: 12	FOLD	HOLE DEPTH	: 18 METERS
GEOPHONE ARRAY	: 9	GEOPHONES IN LINE	PATTERN	: SINGLE HOLE
		AT 7.5 METERS		

DIGITAL PROCESSING

DATUM : 150 METERS A.S.L. REPLACEMENT VELOCITY : 3200 METERS/SECOND

- ```

1. DEMULTEX : OUTPUT AT 2 SEC SAMPLING TO 3 SECOND
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. FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION : ONE OPERATOR OF 80 MSEC

```

7. EQUALIZATION
8. RESIDUAL STATICS ANALYSIS : SURFACE CONSISTENT AUTOMATIC STATICS  
(HSTATC) PLUS TRIM STATICS

10. NORMAL MOVEOUT CORRECTION : VELOCITY ANALYSIS FROM VELSCANS  
( BEFORE AND AFTER AUTOMATIC STATICS )

- |                                    |                |                    |
|------------------------------------|----------------|--------------------|
| 11. MEAN DATUM STATICS APPLICATION |                |                    |
| 12. STACK MUTE                     | TIME(IN MSEC.) | OFFSETS(IN METERS) |
|                                    | -50            | 66                 |
|                                    | 0              | 264                |
|                                    | 400            | 495                |
|                                    | 1100           | 1617               |

- ```

13. CDP STACK           : 12 FOLD
14. MIGRATION           : WAVE EQUATION MIGRATION
                        : KIRCHOFF F/K DOMAIN
                        : DIR LIMITED.

```

15. TIME INVARIANT FILTER : 10/20 - 60/70 HZ
16. TIME VARIANT SCALING : (10 X 100) 200,200,300,500 MSEC. GATES
START TIME = 0 MSEC.

- -----
 DISPLAY POLARITY : REVERSE (PEAK ON DISPLAY REPRESENTS
 NEGATIVE NUMBER ON TAPE)

-

DISPLAY

```

HORIZONTAL SCALE - 12.0 TR/IN      60.60604
VERTICAL SCALE   - 10.0 IN / SEC
POLARITY         - REVERSE
TRACE TYPE , BIAS - WTVAR          0.0 PERCENT
DATUM            - 150 M A.S.L.
DISPLAY UNIT     - 0.967619 CM

```

DISPLAY GAIN	
INPUT	
CDP	ALL
GAIN	TIME
DB	MSEC
-76.0	0

21 JUN 1985
23:29:08

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

