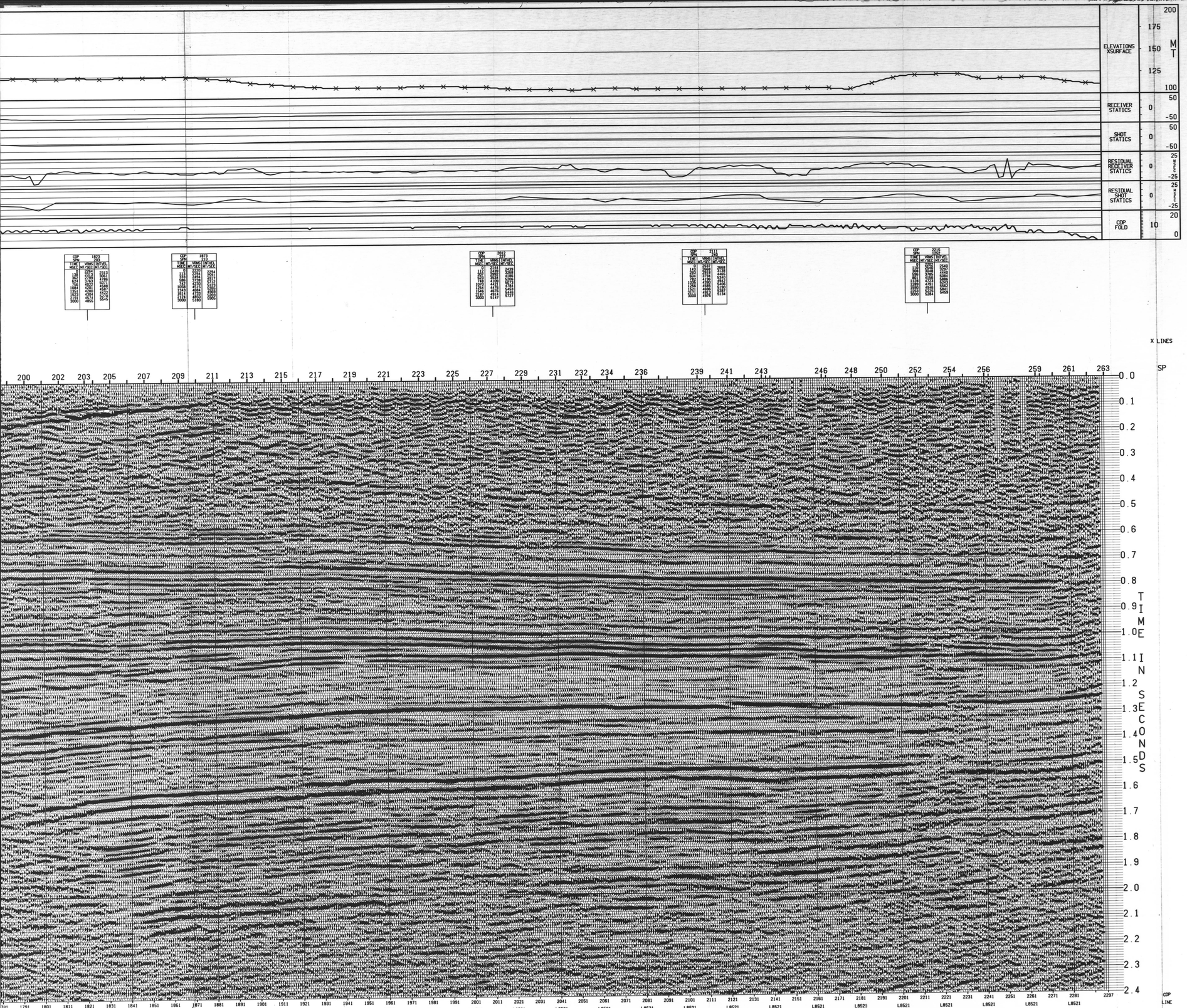


LINE 21
SP 101 TO 263

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

NORTHEAST ← DIRECTION SHOT →

MIGRATED STACK (REVERSED POL.)

Canada Oil and Gas Lands Administration
APR 25 1986
Petroleum Property

9229-P28-10E

FIELD DATA

RECORDED BY	: WESTERN GEOPHYSICAL PARTY 362
DATE	: MARCH - APRIL 1985
INSTRUMENTATION	
AMPLIFIERS	: DFS V
NO. OF TRACES	: 96
RECORDING FILTER	: 8 - 128 HZ
FORMAT	: SEGB 9 TRACK
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 INLINE AT 7.5 METERS	PATTERN	: SINGLE HOLE

ENERGY SOURCE

CONFIGURATION



DIGITAL PROCESSING

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

1. DEMULTIPLEX	: OUTPUT AT 2 MSEC. SAMPLING TO 3 SECONDS
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. 1.0 PERCENT WHITE NOISE LEVEL DESIGN GATES 300 TO 1600 MSEC. NEAR TR 950 TO 2250 MSEC. FAR TR
7. EQUALIZATION	
8. RESIDUAL STATICS ANALYSIS	: SURFACE CONSISTENT AUTOMATIC STATICS (HSTATC) PLUS TRIM STATICS
9. RELATIVE STATICS - RESIDUAL STATICS APPLICATION	
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 DIP 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 60.606049 TR/KM
VERTICAL SCALE - 10.0 IN / SEC
POLARITY - REVERSE
TRACE TYPE . BIAS - WTVAR . 0.0 PERCENT
DATUM - 150 M A.S.L.
DISPLAY UNIT - 0.987619 CM

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



21 JUN 1985
23:05:12

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

MIGRATED STACK (REVERSED POL.)
LINE 21
SP 101 TO 263
PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

terra
Terra Surveys Ltd.
2080 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

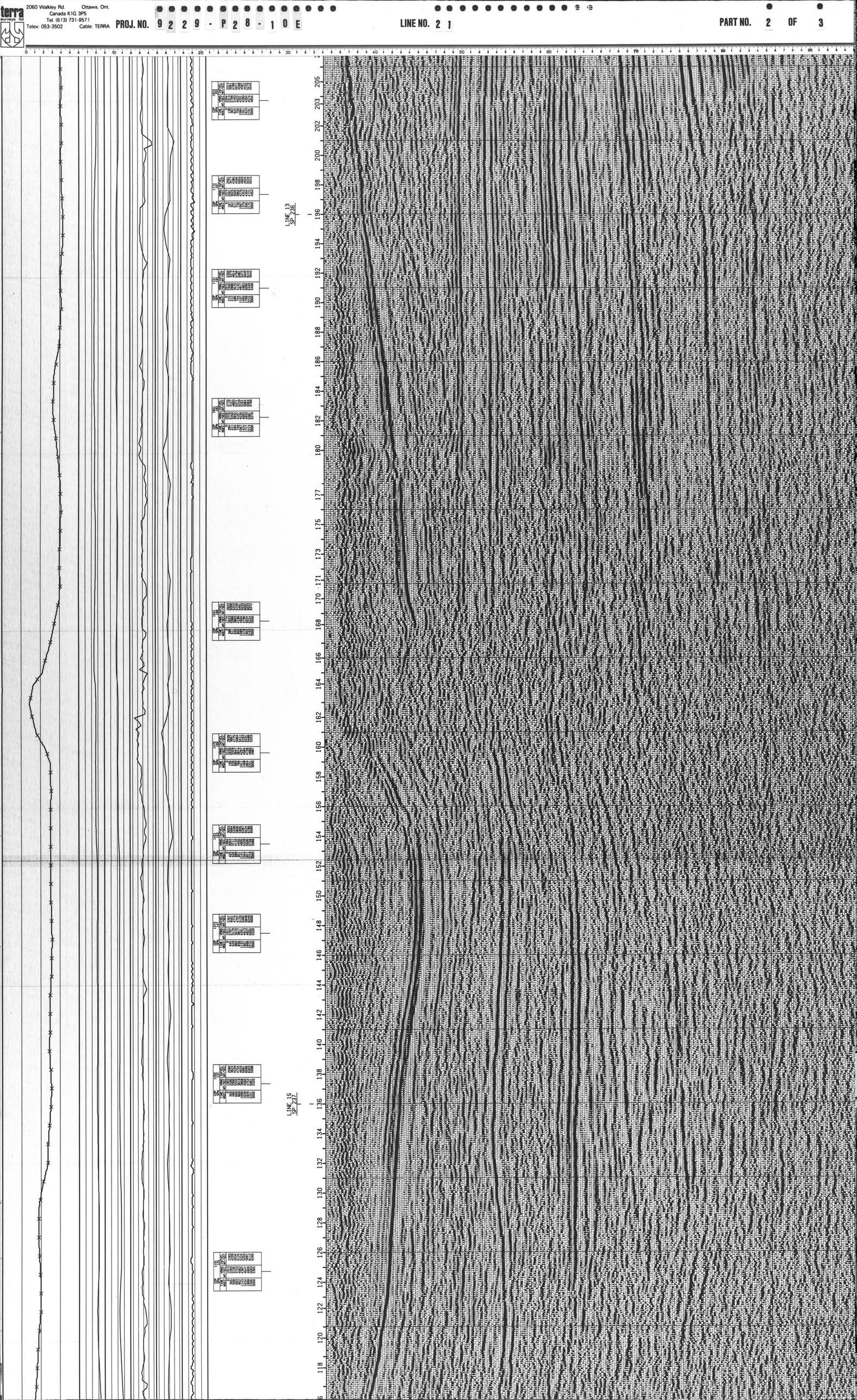
PROJ. NO. 9229-P28-10E
LINE NO. 21
PART NO. 1 OF 3
R.R. 10X

terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
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PROJ. NO. 9229-P28-10E

LINE NO. 21

PART NO. 2 OF 3



MIGRATED STACK (REVERSED POL.)

LINE 21
SP 101 TO 263

PETRO CANADA
AREA BRACKETT LAKE
NTS 96F

ELEVATIONS XSURFACE (MT)

RECEIVER STATICS

SHOT STATICS

RESIDUAL RECEIVER STATICS

RESIDUAL SHOT STATICS

COP FOLD

LINE 15
SP 237

X LINES

SP

TIME IN SECONDS

COP
LINE

Canada K1G 3P5
Tel. (613) 731-9671
Telex 053-3502
Cable: TERRA

PROJ. NO. 9229-P28-10E

LINE NO. 21

PART NO. 3 OF 3

R.R. 10X