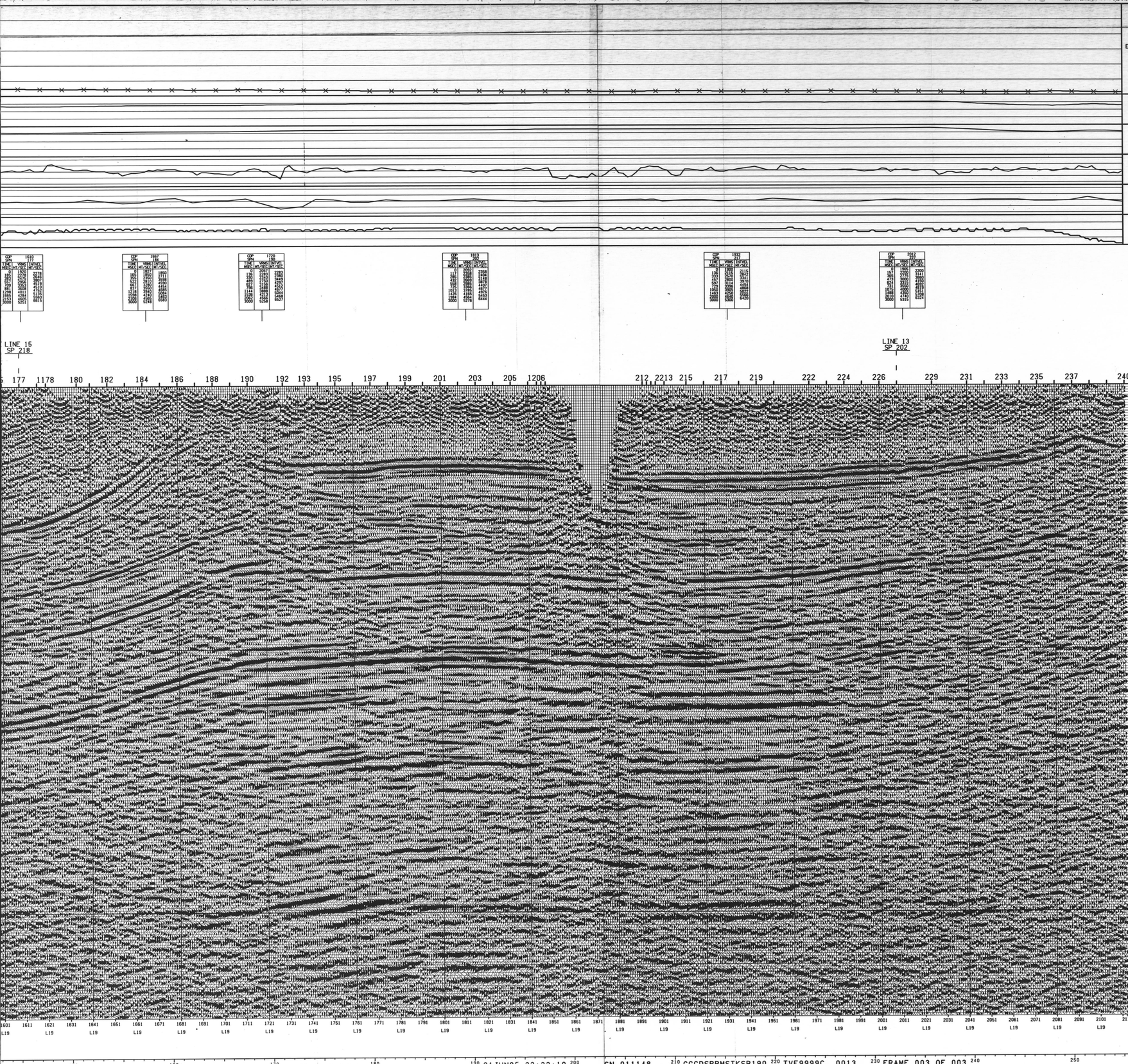


LINE 19
SP 101 TO 240

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

NORTHEAST ← DIRECTION SHOT →

MIGRATED STACK (REVERSED POL.)

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 362
DATE : MARCH - APRIL 1985

9229-P28-10E

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 IN LINE AT 7.5 METERS	PATTERN	: SINGLE HOLE

ENERGY SOURCE

CONFIGURATION

TR96 TR49 SP TR48 TR1
66 M 66 M
1617 M. 1617 M.

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 GAIN DB	INPUT ALL TIME MSEC
-79.0	0

21 JUN 1985
22:16:29

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

LINE 19
SP 101 TO 240
MIGRATED STACK (REVERSED POL.)
PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

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

PROJ. NO. 9229-P28-10E
LINE NO. 19
PART NO. 1 OF 3
R.R. 10X

Terra Surveys Ltd.
2060 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
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Telex 053-3502
Cable: TERRA

PROJ. NO. 9229-P28-10E

LINE NO. 19

PART NO. 2 OF 3

R.R. 10X

LINE 15
SP 218

DSPBMSTKSB190 TVF9999C 0013 FRAME 001 OF 003

06:26:78-00:51

21JUN85 22:22:19

SN 011148

GGCDSPBMSTKSB190 TVF9999C 0013 FRAME 002 OF 003

MIGRATED STACK (REVERSED POL.)

M T		
400		
350		
300		
250		ELEVATIONS XSURFACE
200		
150		
100		
25		
-25		RECEIVER STATICS
-75		
25		
-25		SHOT STATICS
-75		
25		
MSEC 0		RESIDUAL RECEIVER STATICS
-25		
25		
MSEC 0		RESIDUAL SHOT STATICS
-25		
20		
10		CDP FOLD
0		

LINE SP 2

X LINES

SP 101 103 105 107 109 1110 112 114 116 117 119 122 124 126 128 130 132 134 136 138 140 142 1143 145 147 149 151 153 155 1156 158 161 163 165 167 169 171 173 175 177

TIME IN SECONDS 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4

LINE 19
SP 101 TO 240

PETRO CANADA
AREA: BRACKETT LAKE
NTS 96F

CDP 1001 1011 1021 1031 1041 1051 1061 1071 1081 1091 1101 1111 1121 1131 1141 1151 1161 1171 1181 1191 1201 1211 1221 1231 1241 1251 1261 1271 1281 1291 1301 1311 1321 1331 1341 1351 1361 1371 1381 1391 1401 1411 1421 1431 1441 1451 1461 1471 1481 1491 1501 1511 1521 1531 1541 1551 1561 1571 1581 1591 1601 161

LINE L19 L19 L19