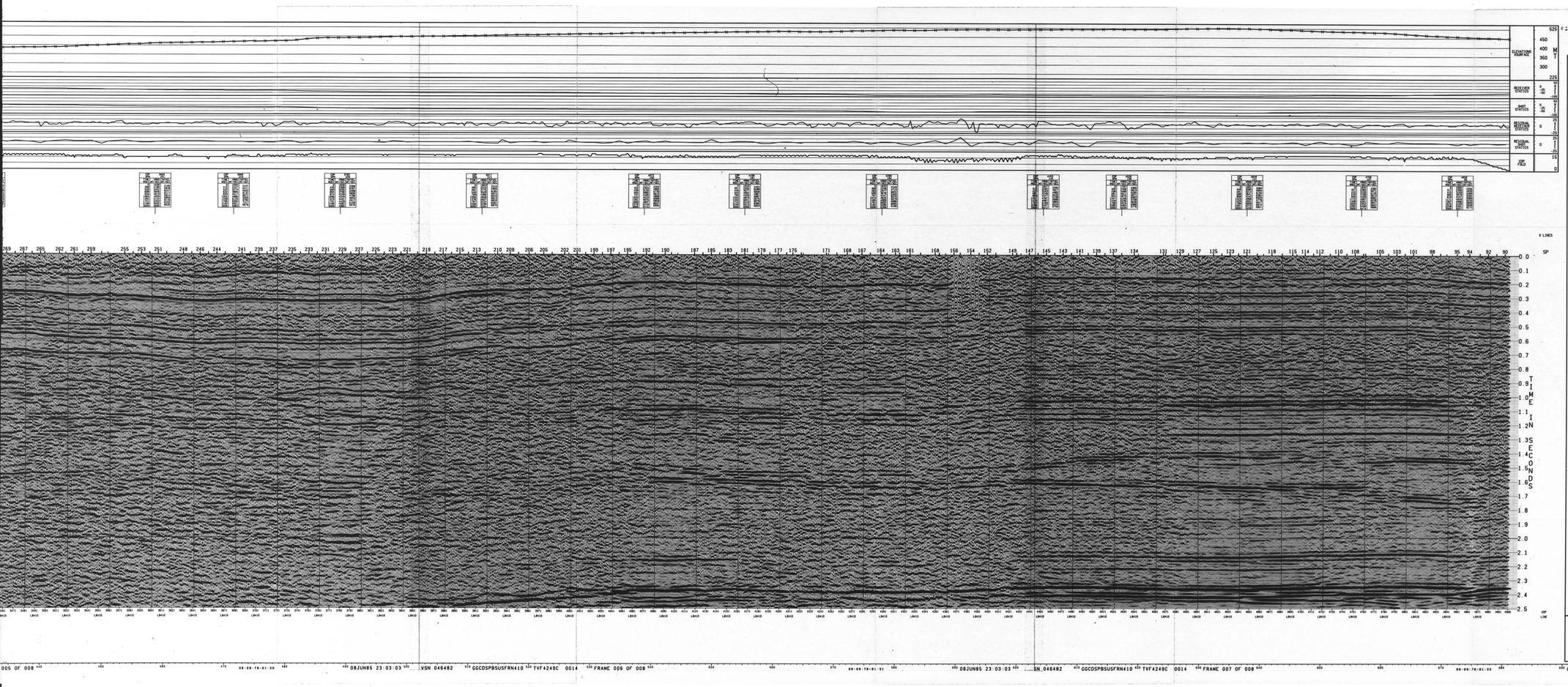


P229-P28-5E

4922a
8517-06

LINE 8410

SP 90 TO 576

PETRO CANADA
AREA : BLACKWATER LAKE
NTS 96B

SOUTHEAST → ← DIRECTION SHOT

MIGRATED STACK (NORMAL POL.)

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 382
DATE : JANUARY - MARCH 1985
INSTRUMENTATION :
AMPLIFIERS : DFM V
NO. OF TRACES : 96
FORMATION FILTER : 8 TO 128 HZ
FORMATION : SLOW 8 DRAIN
RECORD LENGTH : 8 SECONDS
SAMPLE RATE : 2 MSECS
SENSITIVE TYPE : 14HV 8 HZ
SENSITIVE : 14HV 14 HZ

RECORDING SPREAD

GROUP INTERVAL : 50 METERS
SHOT POINT INTERVAL : 50 METERS
EXTENDED COVERAGE : 48 FOLD
CONFIGURATION : 48 PERMANENT IN-LINE AT 2 X METERS

ENERGY SOURCE

TYPE : DYNAMITE
WEIGHT : 2 KGS. PER HOLE
HOLE DEPTH : 18 METERS
POSITION : SINGLE HOLE

TR96 TR48 SP TR48 TR1
1817 M 48 X 48 M 1817 M

DIGITAL PROCESSING

DATUM : 305 METERS A.S.L. — REPLACEMENT VELOCITY : 2450 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 — T SB/SEC FROM 0 TO 3.0 SECONDS
5. FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION — ONE OPERATOR OF 80 MSEC. 2.5 PERCENT WHITE NOISE LEVEL DESIGN GATES: 300 TO 1500 MSEC. MEAN TO 800 TO 2200 MSEC. FOR TR
7. EQUALIZATION
8. RESIDUAL STATICS ANALYSIS — SURFACE CONSISTENT AUTOMATIC STATICS (+WEAT+/-) PLUS TRIM STATICS
9. RELATIVE STATICS - RESIDUAL STATICS APPLICATION
10. NORMAL MOVEOUT CORRECTION — VELOCITY ANALYSIS FROM HELICANS (BEFORE AND AFTER AUTOMATIC STATICS)
11. MEAN DATUM STATICS APPLICATION
12. STACK MUTE — TIME(IN MSEC.) OFFSET(IN METERS)
0 48
500 48
600 800
1500 1817
13. CDP STACK — 12 FOLD
14. MIGRATION — MODE: KIRCHHOFF MIGRATION (FROM DISK FILE SEMBLAN) DIP LIMITED
15. TIME INVARIANT FILTER — 18/36 - 50/60 HZ
16. TIME VARIANT SCALING — (10.0 100) 200 200.500.600 MSEC. GATES START TIME = 0 MSEC

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

DISPLAY

HORIZONTAL SCALE : 36.0 TR/IN — 48 SGEGAS TR/IN
VERTICAL SCALE : 2 TUBES/ IN / SEC
TRACE TYPE : VARIABLE AREA
TRACE TIME - BIAS : 4/100 0.0 PERCENT
DATUM : 305 M A.S.L.
DISPLAY UNIT : 0.01250 IN

DISPLAY GAIN

1.00	0
1.00	1.00

08 JUN 1985
22 AM GD

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF J L (NUSK)

MIGRATED STACK (NORMAL POL.)

LINE 8410
SP 90 TO 576

PETRO CANADA
BLACKWATER LAKE
NTS 96B

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

PROJ. NO. 9229-P28-5E

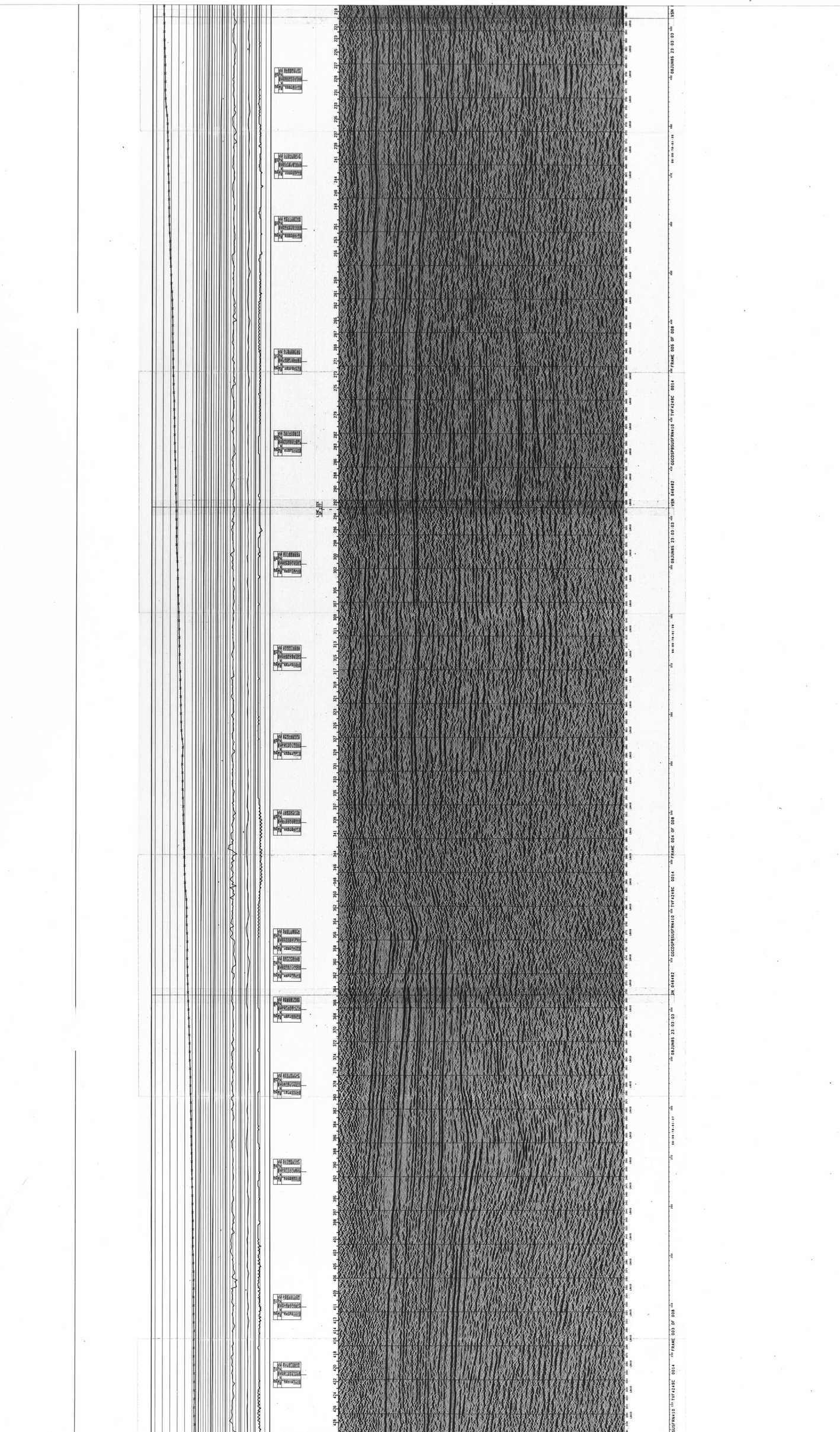
LINE NO. 8410

PART NO. 1 OF 3

R.R. 8X

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

PROJ. NO. 9229-P28-5E LINE NO. 8410 PART NO. 2 OF 3 R.R. 8X



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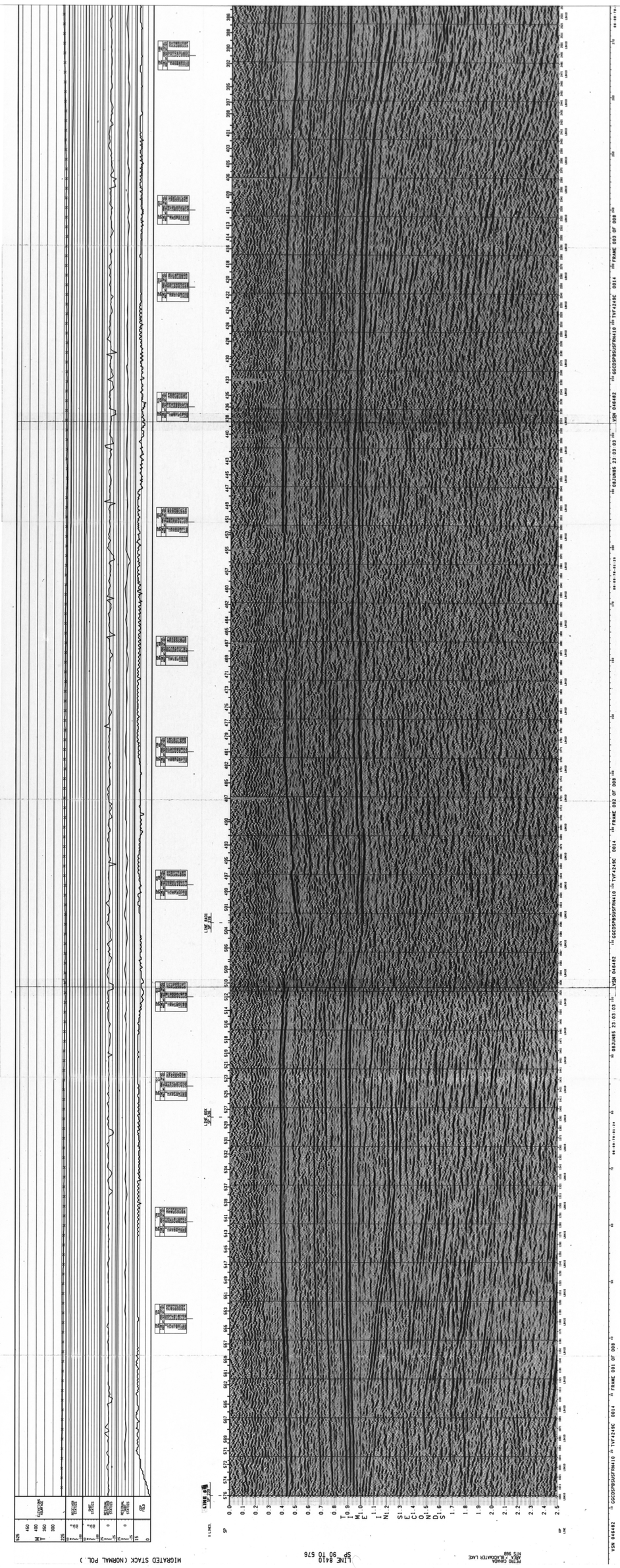
PROJ. NO. 9229-P28-5E LINE NO. 8410 PART NO. 3 OF 3 R.R. 8X