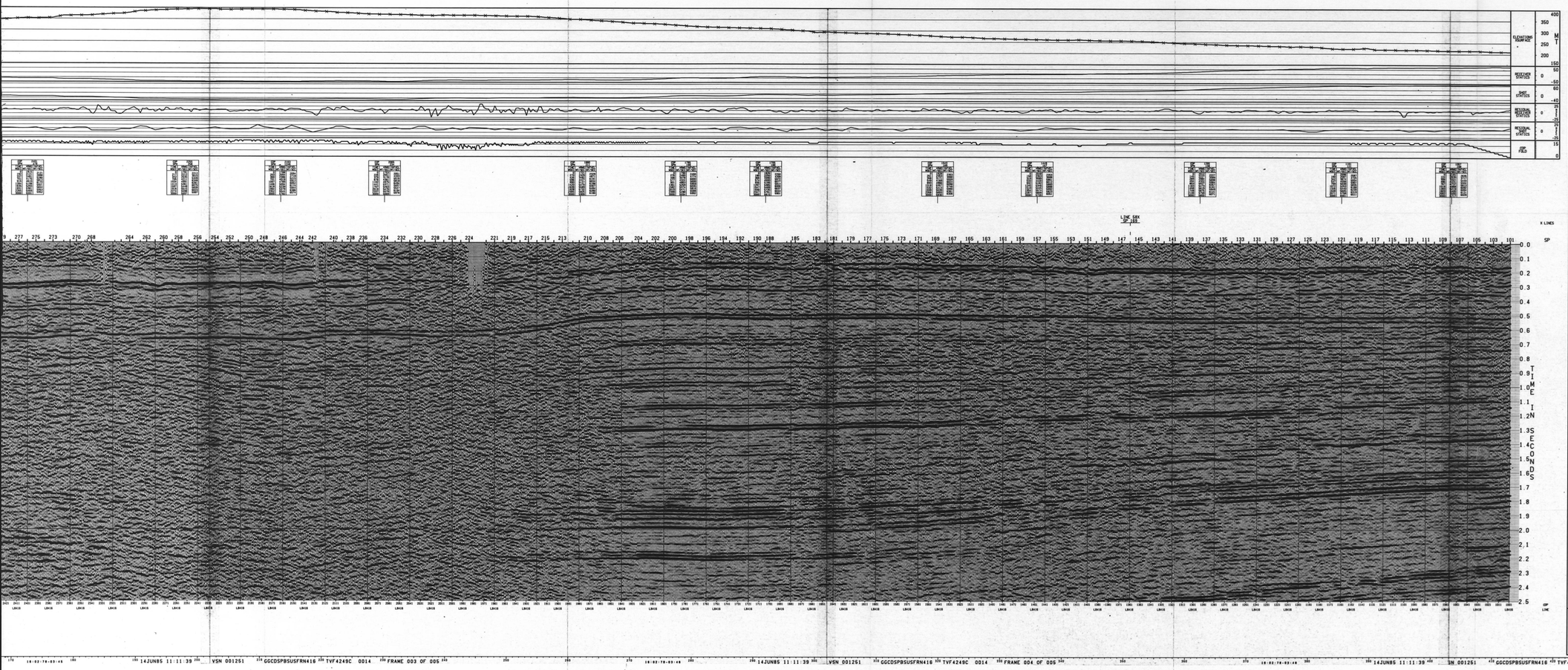

9229-P28-5E

H4598
A5613

LINE 8416
SP 101 TO 393

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 98B

SOUTHEAST ← → DIRECTION SHOT

MIGRATED STACK (NORMAL POL.)

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 382
DATE : JANUARY - MARCH 1985

INSTRUMENTATION

AMPLITUDE
RECORDING FORMAT
RECORDING FILTER
SAMPLE RATE
RECORD LENGTH
SAMPLE RATE
GEOPHONE GROUP
GEOPHONE TYPE

: DFS V
: SEG
: 8 - 128 HZ
: 2 MILLISECONDS
: 2 SECONDS
: 2 MSEC
: 24 PER P.I
: LRS 14 HZ

RECORDING SPREAD

GROUP INTERVAL : 10 METERS
SHOT INTERVAL : 10 PER P.I
ENTIRELY COVERAGE : 12 FOLD
GEOPHONE ARRAY : 6 GEOPHONES IN LINE AT 2.5 METERS

ENERGY SOURCE

TYPE : DYNAMITE
SHOT DEPTH : 18 METERS IN WATER HOLE
PATTERN : SINGLE HOLE

CONFIGURATION

TR96 TR49 SP TR48 TR1
0 0 0
: 58 M ; 58 M :
: 181T M : 181T M :

DIGITAL PROCESSING

DATUM : 305 METERS A.S.L. — REPLACEMENT VELOCITY : 2450 METERS/SECOND

1 DEMULTIPLEX — OUTPUT AT 2 MSEC. SAMPLING TO 2 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 2.0 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. FIAR TO 1500 MSEC. FIAR TO
7 EQUALIZATION
8 RESIDUAL STATICS ANALYSIS — SURFACE CONSISTENT AUTOMATIC STATICS ESTIMATED PLUS TRIM STATICS
9 RELATIVE STATICS - RESIDUAL STATICS APPLICATION
10 NORMAL MOVEOUT CORRECTION — VELOCITY ANALYSIS FROM WELLBARE 1 BEFORE AND AFTER AUTOMATIC STATICS 3
11 MEAN DATUM STATICS APPLICATION
12 STACK MUTE — TIME(IN MSEC.) OFFSET(IN METERS): 0 0; 400 400; 1000 1000; 2000 2000; 1500 1617
13 CDP STACK — 12 FOLD
14 MIGRATION — MODE: EXPLICIT MIGRATION; DIP LIMITED FOR DOMAIN; DIP LIMITED
15 TIME INVARIANT FILTER — 18/28 - 50/60 HZ
16 TIME VARIANT SCALING — (10 @ 1000) 300-200-300-500 MSEC. GATES START TIME = 0 MSEC.

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

DISPLAY

HORIZONTAL SCALE : 36.0 TR/IN — 80 6DB6AB TR/KM
VERTICAL SCALE : 2 TSEC6 IN / SEC
TRACE MIX : 1 TRACE
TRACE TYPE - BIAS : WTOM : 0.0 PERCENT
DATUM : 305 M A.S.L.
DISPLAY UNIT : 0.01TSM IN

DISPLAY GAIN

SP	101
SP	393

14 JUN 1985
11:02:49

CALGARY LAND

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIGUSKI

MIGRATED STACK (NORMAL POL.

LINE 8416
SP 101 TO 393

BEAR LAKE

NTS 98B

PROJ. NO. 9229-P28-5E

LINE NO. 8416

PART NO. 1 OF 2

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PART NO. 2 OF 2

R.R. 8X