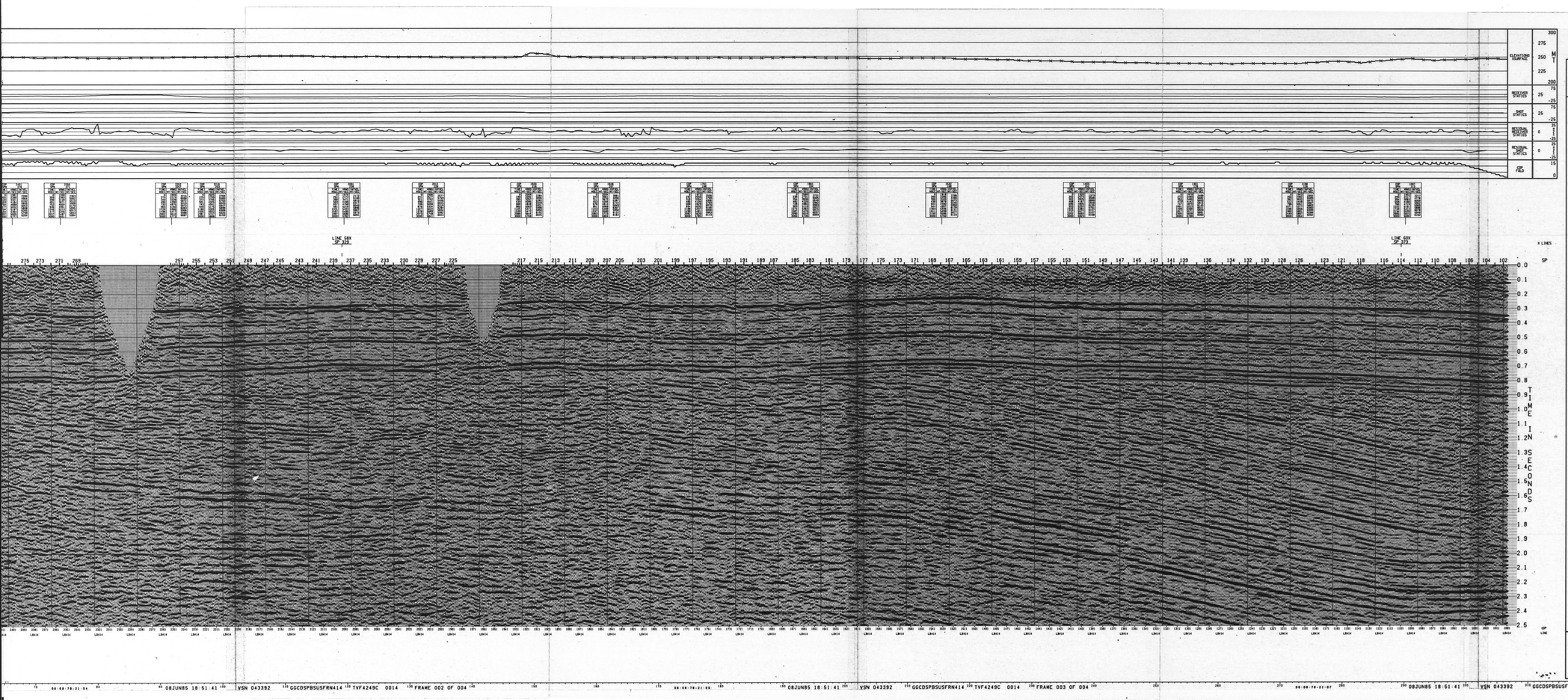

9229-P28-5E

LINE 8414
SP 102 TO 310

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96B

SOUTHEAST ← → DIRECTION SHOT

MIGRATED STACK (NORMAL POL.)

FIELD DATA

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

INSTRUMENTATION

AMPLIFIERS: DFS V
NO. OF TRACKS: 96
RECORDING FILTER: 8 - 128 HZ
DATA FORMAT: SEG-D BINARY
RECORD LENGTH: 6 SECONDS
SAMPLE RATE: 2 MSECS
DENSITY: 1600 B.P.I.
GEOPHONE TYPE: LRS 10 HZ

RECORDING SPREAD

GROUP INTERVAL: 50 METERS
SHOT INTERVAL: 100 METERS
OFFSETS NEAREST: 50 METERS
SPREAD GEOMETRY: 12 FOLD SINGLE INLINE
CONFIGURATION: 6 AT 0 METERS

ENERGY SOURCE

TYPE: DYNAMITE
SHOT DEPTH: 18 METERS BELOW HOLE
HOLE DEPTH: 18 METERS
PATTERN: SINGLE HOLE

TR48 TR49 TR48 TR1
SP 0 SP 0
← 1817 M → ← 66 M → ← 66 M → ← 1817 M →

DIGITAL PROCESSING

DATUM : 300 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 DB/SEC FROM 0 TO 3.0 SECONDS
5. FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION — ONE OPERATOR OF 80 MSEC (1.5 PERCENT WHITE NOISE ADDED) DESIGN GATES: 200 TO 1600 MSEC NEAR TR DESIGN GATES: 200 TO 2200 MSEC FAR TR
7. EQUALIZATION
8. RESIDUAL STATICS ANALYSIS — SURFACE CONSISTENT AUTOMATIC STATICS (ESTATIC) PLUS TRIM STATICS
9. RELATIVE STATICS - RESIDUAL STATICS APPLICATION
10. NORMAL MOVEOUT CORRECTION — VELOCITY ANALYSIS FROM SELSEIMS (BEFORE AND AFTER AUTOMATIC STATICS)
11. MEAN DATUM STATICS APPLICATION
12. STACK MUTE — TIME(IN MSEC) / OFFSET(IN METERS): 0 / 0; 400 / 200; 1000 / 1000; 2000 / 1817
13. CDP STACK — 12 FOLD
14. MIGRATION — WAVE EQUATION MIGRATION FINITE-DIFF.C/N DOMAIN DIP LIMITED
15. TIME INVARIANT FILTER — 10/20 - 60/80 HZ
16. TIME VARIANT SCALING — (0.0 (SEC) 200.000.500.600 MSEC GATES START TIME = 0 MSEC

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

DISPLAY

HORIZONTAL SCALE : 50.0 TR/IN — RD 600@40 TR/KM
VERTICAL SCALE : 2 TRACES — IN / SEC
TRACE MIX : 1
TRACE TYPE : BIAS : WTOP 0.0 , 0.0 PERCENT
DISPLAY UNIT : 0.01SEM CM

DISPLAY GAIN	
DP	ALL
1.0	0.0
1.0	4.0

08 JUN 1985
18:49:18

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LISOSKI

MIGRATED STACK (NORMAL POL.)

LINE 8414
SP 102 TO 310

PETRO CANADA
GREAT BEAR LAKE
96B

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PROJ. NO. 9229-P28-5E

LINE NO. 8414

PART NO. 1 OF 2

R.R. 8X

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PART NO. 2 OF 2

R.R. 8X