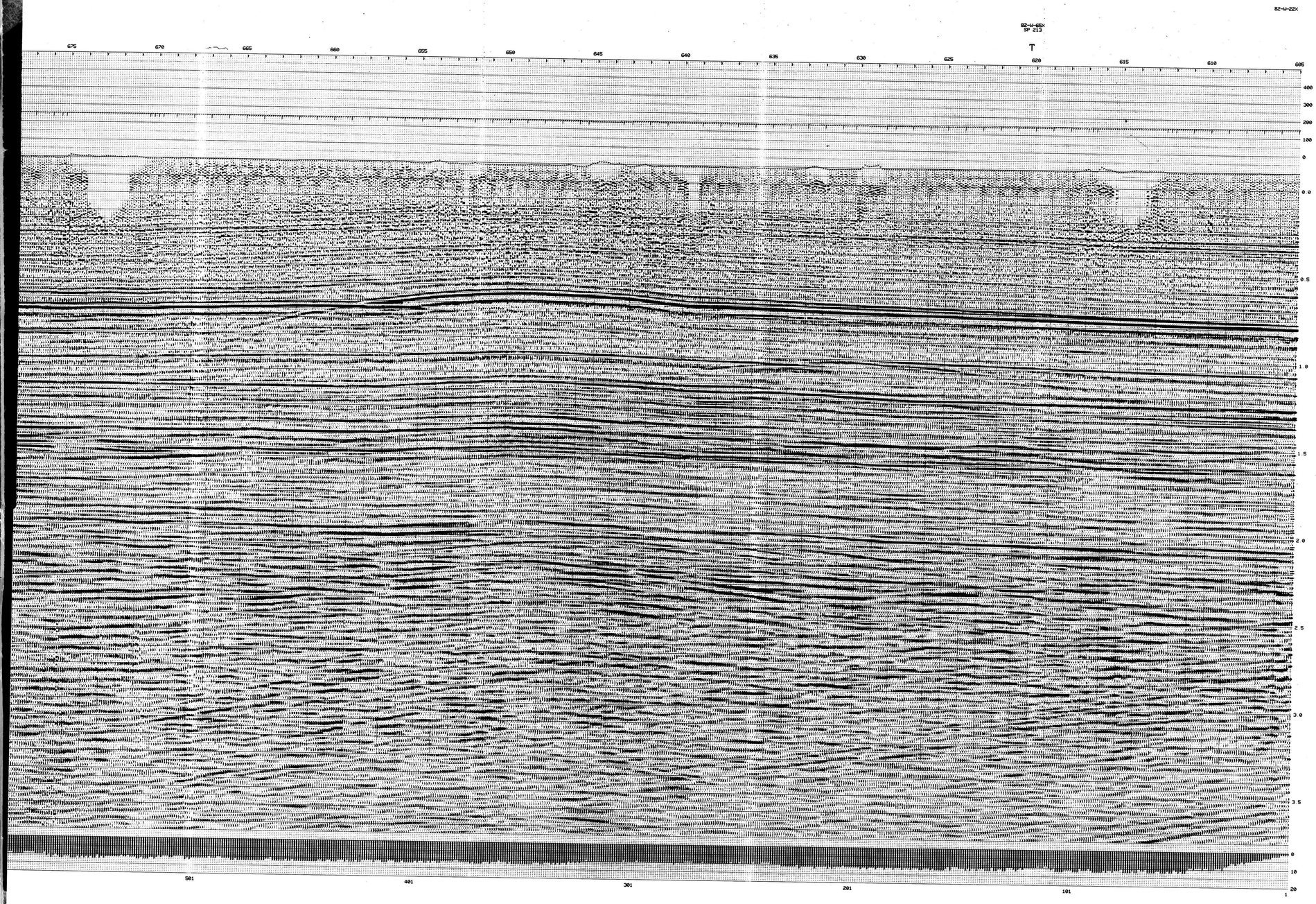
2480-06-05-115



GEO-X SYSTEMS LTD.
CALGARY ALBERTA

FLAG

LINE: 82-W-22X TYPE: S-RP
DIRECTION → S.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E
CLIENT: PETRO-CANADA EXPLORATION INC.

SURFACE ELEVATIONS

SHOT BY WESTERN GEOPHYSICAL , PTY. 362 DATE 3/82

SPREAD 1584 m - 33m. x 33m. - 1584 m.
SOURCE 2 kg at 18 m
RECEIVERS GEOSPACE 200 , 10Hz 9 OVER 53 m
SOURCE INTERVAL 132 m GROUP INTERVAL 33m

AMPLIFIERS DFS V FIELD FILTER 8-128 Hz NOTCH OUT
GAIN MODE HFP TAPE FORMAT SEG B

SURFACE IN TIME

PROCESSED AT GEO-X DATE 6/82

1 DIGITAL CONVERSION SAMPLE RATE 2 ms
2 AMPLITUDE RECOVERY $At^{1.5}$
PREFILTER
3 DECONVOLUTION TYPE SPIKING
OPERATOR LENGTH 60 ms PREWHITENING 1%
DESIGN GATE 400-2400 ms SLOPING
4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL DATUM VELOCITY 3506 m/s
PROCESSING DATUM +180 m.s.
(X) ELEVATIONS (X) WEATHERING (X) DRIFT
10 ANALYSIS STATISTICAL SURFACE CONSISTENT STATICS
5 11 MOVEOUT (5) PRELIMINARY (11) FINAL
6 SCALING
7 12 STATICS (7) SURFACE STACK RESIDUAL
(12) CROSS CORRELATION
( )
8 WORK SECTION DISPLAY
9 TRACE KILLS
13 MUTE DISTANCE (m) 314 924 3168
TIME (ms.) 300 550-650 1700
14 GATHER FOLD 12
15 STACK STACK PEEL
16 FILTER (16) 12/16 - 80/90 Hz , 0 - 2500 ms
( ) 12/16 - 50/60 Hz , 2500 - 4000 ms
( )
17 ADDITIONAL PROCESSING
(X) LINEAR RAMP SCALING
TIME 0-150 , 250-1600, 2300 , 3000-4000
% SCALER 70 , 100 , 120 , 250
18 EQUALIZATION 400 - 2400ms

terra surveys ltd.
2080 Walkley Rd., Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-5571
Telex: 053-3502
Cable: TERRA

PROJ. NO. 2 4 8 0 - 0 6 - 0 5 - 1 1 5

LINE NO. 8 2 - W - 2 2 X

PART NO. 1 OF 2 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. 2 4 6 - 0 6 - 0 5 - 1 1 5

LINE NO. 8 2 - W - 2 2 X

PART NO. 2 OF 2

R.R. 8X

