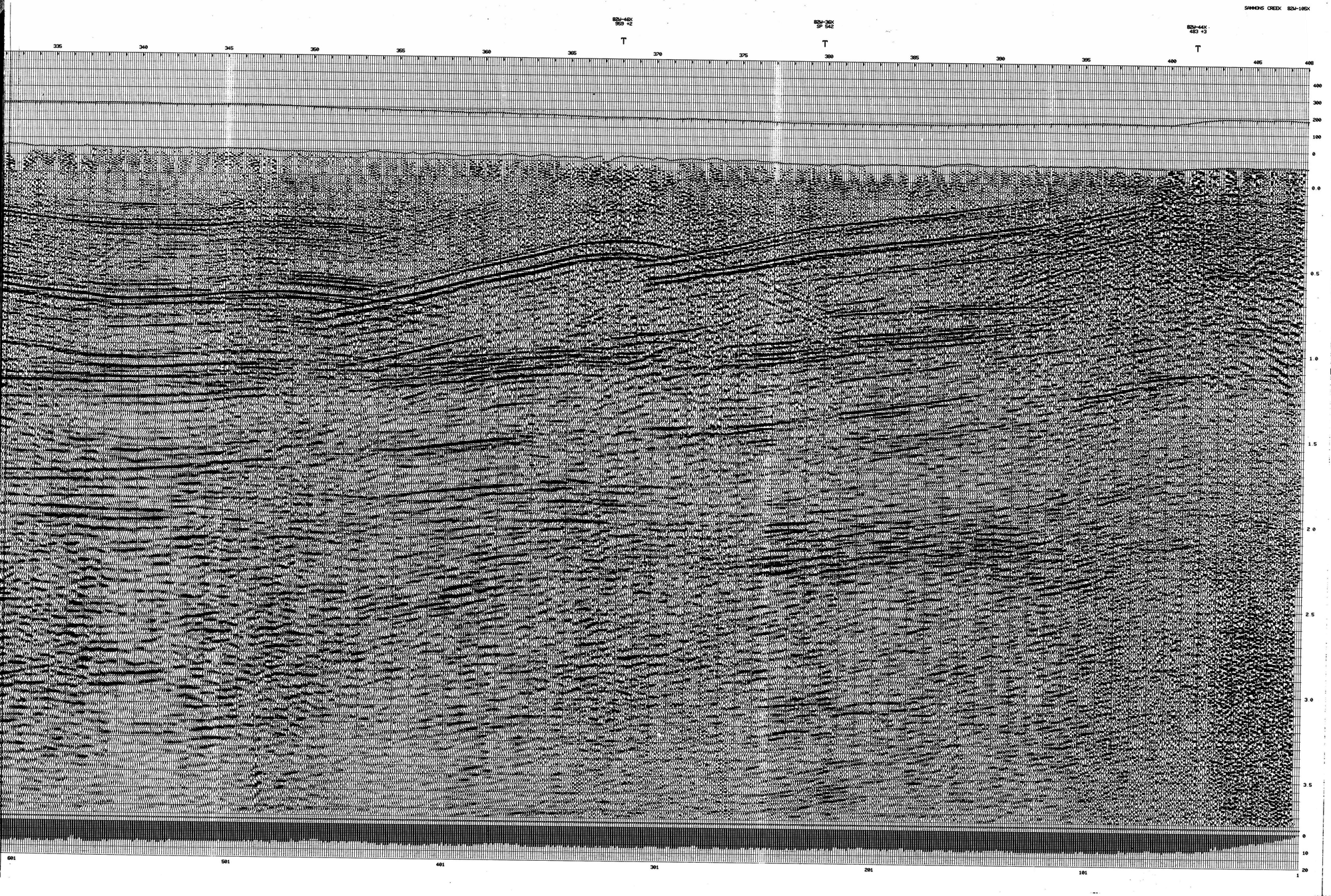
24 C-06-05-115



GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 82-W-105X TYPE: S-NP
DIRECTION ——> N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E
CLIENT: PETRO-CANADA EXPLORATION INC.

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

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

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

PROCESSED AT GEO-X DATE : 6/82

1 DIGITAL CONVERSION . SAMPLE RATE 2 ms.
2 AMPLITUDE RECOVERY Ate^{-1}

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./sec.
PROCESSING DATUM -200 ms.
[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 REEL
16 FILTER (16) 12/16-80/90 Hz, 0-2500 ms
( ) 12/16 50/60 Hz, 2500-4000 ms
( )
17 ADDITIONAL PROCESSING
NEAR RAMP SCALING
TIME 0-130, 250-1600, 2300, 3000-4000
% SCALER 70, 100, 120, 250
18 EQUALIZATION 400-2400 ms

VELOCITY TABULATION FROM PROCESSING DATUM

[redacted]

JP332

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

PROJ. NO. 246-06-05-115
LINE NO. 82-W-105X
PART NO. 1 OF 3 R.R. 8X

2060 Walkley Rd. Ottawa, Ont.
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Tel. (613) 731-9571
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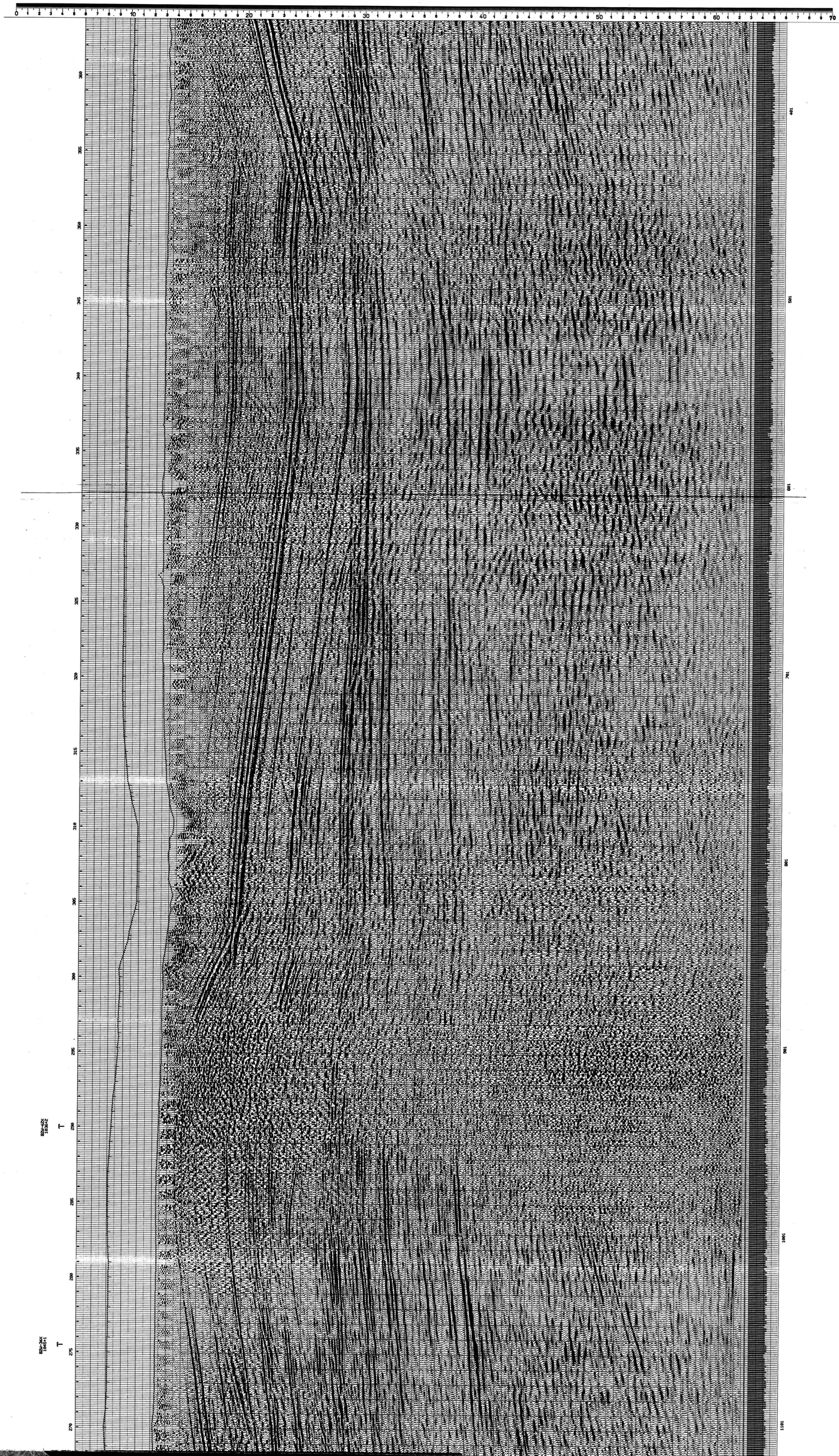
PROJ. NO. 246-06-05-015 LINE NO. 82-W-105X PART NO. 2 OF 3 R.R. 8X