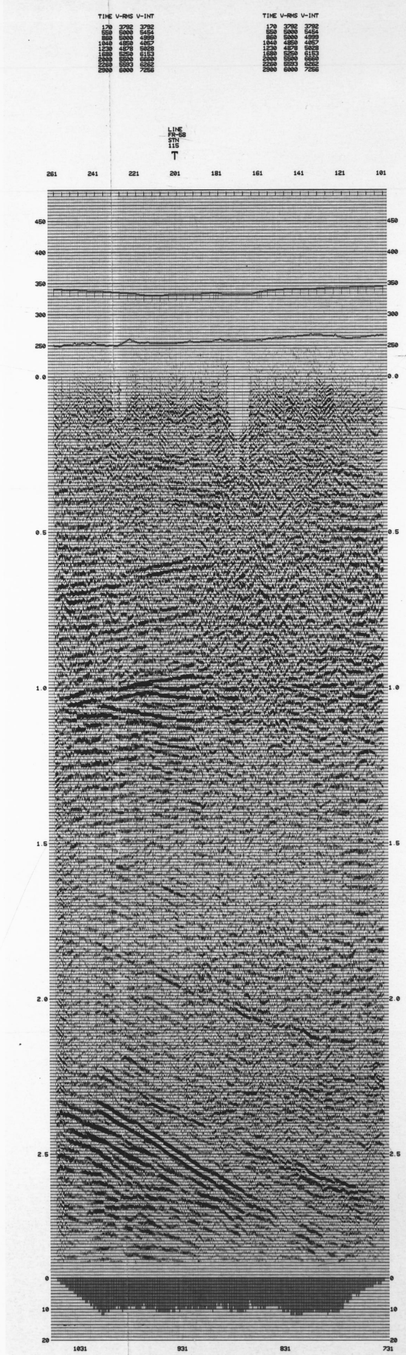
9229-F9-3E

COLVILLE LINE FR-57



FLAG

SURFACE ELEVATIONS

SURFACE IN TIME

GEO-X SYSTEMS LTD.
CALGARY, ALBERTA

LINE: FR-57 TYPE: S-RP
DIRECTION ——→N. ENHANCED
PROJECT: COLVILLE
LOCATION: N.W.T. 123° - 125° E., 66° - 67° N.
CLIENT: FORWARD RESOURCES LTD.
PROCESSING MONITORED BY: PETREL CONSULTANTS LTD.

SHOT BY PAGER GEOPHYSICAL LTD. DATE: 1/83

SPREAD: 48 x 48, 1632 m. - 34 m. x 34 m. - 1632 m.
SOURCE: DYNAMITE, 1 HOLE @ 2 kg., 10 m. DEPTHS
RECEIVERS: L-28, 14 Hz., 9 OVER 33.5 m.
SOURCE INTERVAL: 136 m. GROUP INTERVAL: 34 m.

AMPLIFIERS: MDS-10 FIELD FILTER: 9/18-125 Hz.
GAIN MODE: TAPE FORMAT: SEG B

PROCESSED AT GEO-X DATE: 2/83

1 DIGITAL CONVERSION. SAMPLE RATE: 2 ms.
2 AMPLITUDE RECOVERY $At^{1.0}$
PREFILTER
3 DECONVOLUTION. TYPE: SPIKING TIME VARIANT, SLOPING
OPERATOR LENGTH 60 ms., DESIGN GATE: 200-900 ms.
70 ms. 800-1800 ms.
80 ms. 1700-2700 ms.
PREWHITENING: 3%
4 STRUCTURAL CORRECTIONS
DATUM: 305 m. DATUM VELOCITY: 5500 m./sec.
PROCESSING DATUM: 100 ms.
☒ ELEVATIONS ☒ WEATHERING ☒ 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.) 307 579 1632
TIME - (ms.) 200 300-400 640
14 GATHER FOLD: 12
15 STACK STACK REEL: 05048
16 FILTER (18) 18/25 - 90/100
( )
( )
18 ADDITIONAL PROCESSING
(18) LINEAR RAMP SCALING: 0-0.90, 100-0.70, 300-1.00, 3000-1.00
(19) AMPLITUDE COHERENCY ENHANCEMENT
19
17 EQUALIZATION 250-2700 ms.

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Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 9229-F09-3E
LINE NO. FR-57
PART NO. 1 OF 1
R.R. 10X