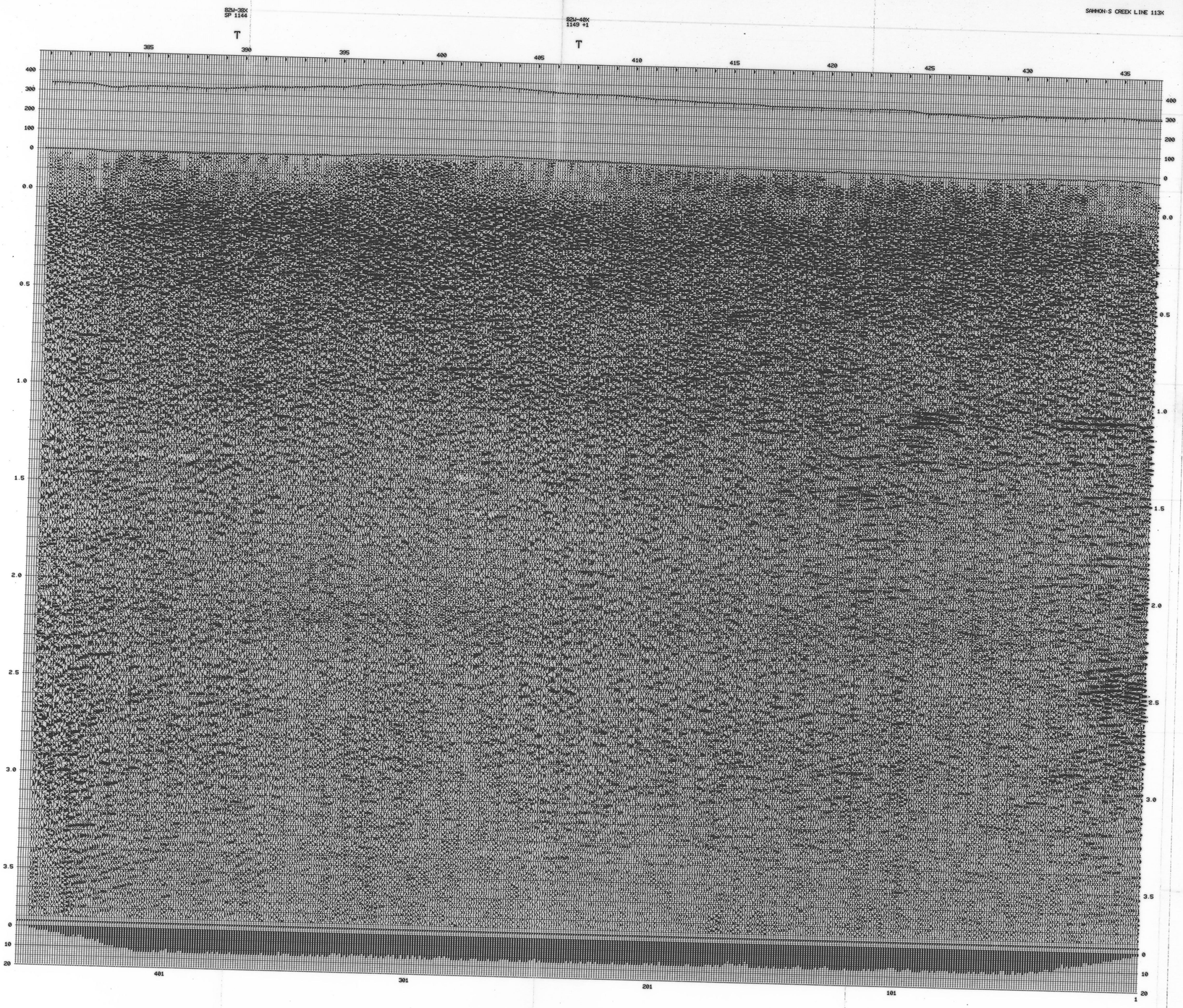

24 G-06-05-115

GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 82-W-113X TYPE: S-NP
DIRECTION ——> N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E/106H
CLIENT: PETRO-CANADA EXPLORATION INC.

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

SPREAD : 1584 m. - 33m. x 33m. - 1584 m.
SOURCE : 2 kg at 18m.
RECEIVERS : GEOSPACE 20D, 10Hz, 9 OVER 53 m.
SOURCE INTERVAL : 132 m. GROUP INTERVAL : 33m.

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 $At^{1.5}$
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./sec.
PROCESSING DATUM -200 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) 314 924 3168
TIME (ms.) 300 550-650 1700
14 GATHER FOLD 12
15 STACK STACK REEL
16 FILTER (16/12/6 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
%SCALE 75, 100, 120, 250
18 EQUALIZATION 450-2400ms

VELOCITY TABULATION FROM PROCESSING DATUM

SAMMON CREEK 113X SP 430

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
370	4386	147.0 1584	4386	811	4386
665	5643	56.8 1584	6903	1829	5592
915	5489	44.6 1584	5939	2457	5378
1275	5222	35.6 1584	4596	3267	5136
1490	5110	31.9 1584	4397	3738	5018
2005	4958	24.3 1584	4594	4981	4999
3000	5383	14.4 1584	5984	7979	5319

SAMMON CREEK 113X SP 417

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
370	4386	147.0 1584	4386	811	4386
665	5643	56.8 1584	6903	1829	5592
915	5466	44.8 1584	4964	2458	5365
1275	5289	35.8 1584	4498	3268	5111
1490	5121	31.8 1584	4564	3749	5032
2005	5041	24.5 1584	4882	4985	4973
3000	5353	14.6 1584	5932	7936	5291

SAMMON CREEK 113X SP 404

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
370	4386	147.0 1584	4386	811	4386
665	5643	56.8 1584	6903	1829	5592
915	5449	45.1 1584	4895	2441	5338
1275	5193	36.0 1584	4476	3249	5092
1490	5079	32.3 1584	4341	3714	4986
2005	4979	25.2 1584	4648	4988	4988
3000	5315	14.8 1584	5949	7869	5246

SAMMON CREEK 113X SP 392

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
370	4386	147.0 1584	4386	811	4386
665	5643	56.8 1584	6903	1829	5592
915	5451	44.4 1584	5864	2462	5368
1275	5232	35.5 1584	4567	3274	5135
1490	5121	31.8 1584	4496	3749	5034
2005	5024	24.6 1584	4732	4908	4963
3000	5409	14.3 1584	6111	8806	5337

SAMMON CREEK 113X SP 381

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
370	4386	147.0 1584	4386	811	4386
665	5417	58.8 1584	6903	1829	5592
915	5411	45.7 1584	4738	2429	5293
1275	5188	36.5 1584	4458	3223	5062
1490	5045	32.8 1584	4290	3694	4945
2005	4976	25.2 1584	4758	4948	4956
3000	5229	15.3 1584	5715	7752	5168

[redacted]

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Cable: TERRA

PROJ. NO. 24 0-06-05-115

LINE NO. 82-W-113X

PART NO. 1 OF 1 R.R. 8X