VELOCITIES AT SP 1610.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
420	601	2860	2860
995	1670	3384	3720
2150	4142	3891	4280
3380	7168	4294	4920
5998	14537	4922	5630

VELOCITIES AT SP 1584.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
400	572	2860	2860
980	1651	3395	3719
2450	4797	3950	4280
3500	7379	4264	4919
5998	14412	4880	5631

VELOCITIES AT SP 1556.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
350	627	3580	3580
980	2091	4299	4651
2750	6826	5001	5350
3700	9748	5320	6151
6000	17843	6037	7039

VELOCITIES AT SP 1501.00

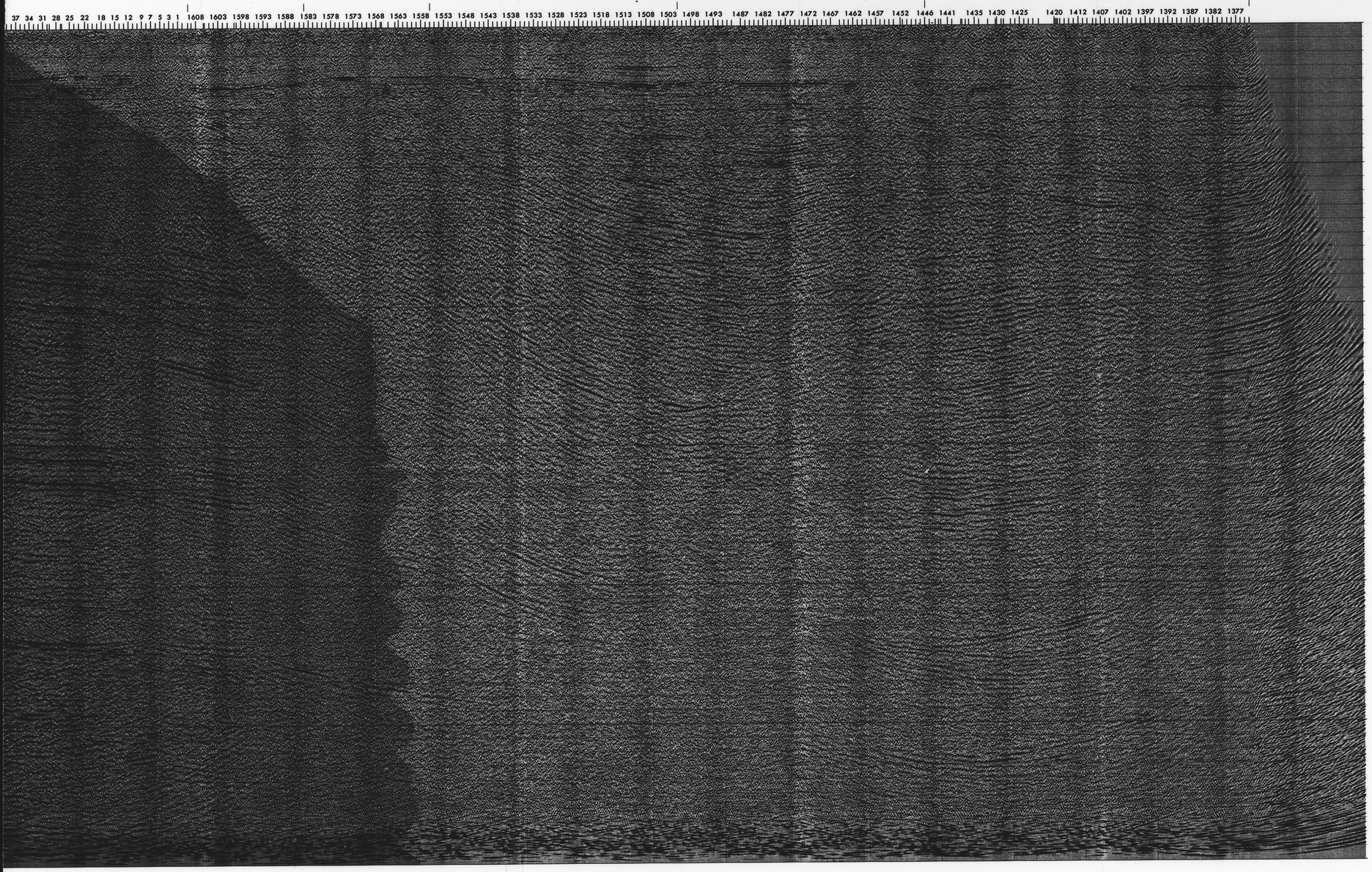
TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
420	752	3580	3580
1420	3077	4361	4650
3040	7411	4913	5350
4050	10517	5249	6151
6000	17380	5891	7040

VELOCITIES AT SP 1446.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
450	805	3580	3580
1400	3014	4335	4650
2880	6973	4883	5350
4450	11800	5364	6149
6000	17256	5843	7039

VELOCITIES AT SP 1374.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
450	805	3580	3580
1380	2968	4330	4650
2480	5910	4809	5350
4200	11200	5399	6151
6000	17535	5939	7040



96K-17412-

246-06-05-108

PETRO-CANADA

EAST

S.P. 1610-0,1610-0374 FOLD 12 LINE TRA-848

COLVILLE SOUTH
AREA

NTB 88-E-11
PROJECT

PETRO-CANADA EXPLORATION
CLIENT

CONVENTIONAL STRUCTURE MIGRATED
PRIMARY DIGITAL PROCESSES

☒ STRUCTURE ☐ FLATTENED

RECORDING DATA

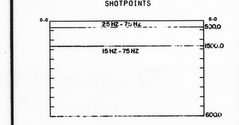
RECORDED BY WESTERN GEOPHYSICAL
DATE JANUARY,1979 PARTY NO. F-67
ENERGY SOURCE SWEEP FREQUENCY
DYNAMITE ☒ VIBROSEIS ☐ SWEEP LENGTH
OTHER SAMPLE RATE 2 MS
FIELD INSTRUMENTS DFS V RECORD LENGTH 6 SEC.
FIELD FILTER 8-128 HZ GAIN SENSORY ☐ PLOTTING POINT ☒
GROUP INTERVAL 30 M OTHER
OFFSET 30 M S.P. INTERVAL 120 M
CHANNEL SIZE 2-28 K
GOP 48-49 HOLE DEPTH 15 M
GEOPHONES/TRACE 9 GEOPHONE TYPE
GEOPHONE INTERVAL 7.5 M DIRECTION SHOT WEST TO EAST
SPREAD 1440 M - 30 M - X - 30 M - 1440 M
SOURCE CONFIGURATION

DIGITAL PROCESSES

DATE MARCH 1980 DATUM 305 M ABOVE SEA LEVEL
EDIT W 4 MS DATUM VELOCITY 6000 M /SEC.
1. GAIN RECOVERY
2. STRUCTURAL CORRECTIONS
UPHOLE ELEVATIONS ☐
INTERCEPT METHOD ☐
3. T/C DECON OPER 80 MS PRE DECON FILTER 10-90 HZ
800-3300 MS PWIN POST DECON FILTER 15-75 HZ
6. AUTOMATIC STATICS WINDOW TO MS
COMMON RANGE STACK
4. VELOCITY ANALYSIS 9 MIGRATION
5. MUTE
7. STACK 1200 % FLATTENED TO
11. TRACE EQUALIZATION
TRIM TRACE SCALING
10. DIGITAL FILTER
12. DISPLAY PARAMETERS
POLARITY: POSITIVE NUMBERS ARE PEAKS NORMAL
POSITIVE NUMBERS ARE TROUGHS
80 TRACES/ INCH
3.75 IN./SECOND JOB NUMBER 79100608

SPACE AND TIME VARIANT DIGITAL FILTER

SHOTPOINTS



REMARKS

SECTION DISPLAYED AT NORMAL POLARITY

HORIZONTAL SCALE

Ottawa, Ont.
K1S 5K5
Tel: (613) 731-8571
Telex: 053-3562
CABLE: TERRA

PROJ. NO. 246-6-5-108

LINE NO. 72A.84A

PART NO. 1 OF 2

R.R. 8X

VELOCITIES AT SP 120.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
350	501	2860	2860
1065	1830	3461	3720
1900	3618	3843	4281
3250	6939	4323	4920
5998	14675	4965	5631

VELOCITIES AT SP 62.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
380	543	2860	2860
1020	1734	3425	3720
1950	3724	3856	4279
3280	6995	4319	4920
5998	14646	4956	5630

VELOCITIES AT SP 1610.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
420	601	2860	2860
995	1670	3384	3720
2150	4142	3891	4280
3380	7168	4294	4920
5998	14537	4922	5630

VELOCITIES AT SP 1584.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
400	572	2860	2860
980	1651	3395	3719
2450	4797	3950	4280
3500	7379	4264	4919
5998	14412	4880	5631

VELOCITIES AT SP 1556.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
350	627	3580	3580
980	2091	4299	4651
2750	6826	5001	5350
3700	9748	5320	6151
6000	17843	6037	7039

VELOCITIES AT SP 1501.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
420	752	3580	3580
1420	3077	4361	4650
3040	7411	4913	5350
4050	10517	5249	6151
6000	17380	5891	7040

VELOCITIES AT SP 1446.00

TIME ms	DEPTH m	V-RMS m/s	V-INT m/s
450	805	3580	3580
1400	3014	4335	4650
2880	6973	4883	5350
4450	11800	5364	6149
6000	17256	5843	7039

Terra Surveys Ltd.
2080 Walley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-5571
Telex: 053-3502 Code: TERRA

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

LINE NO. 7 2 A . 8 4 A

PART NO. 2 OF 2

R.R. 8X