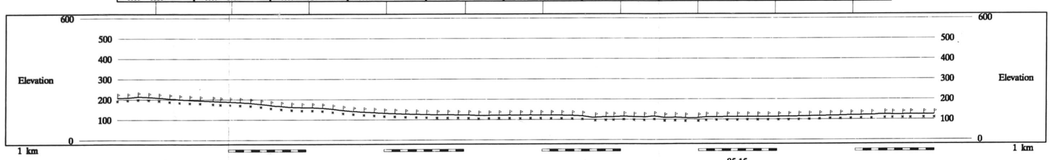
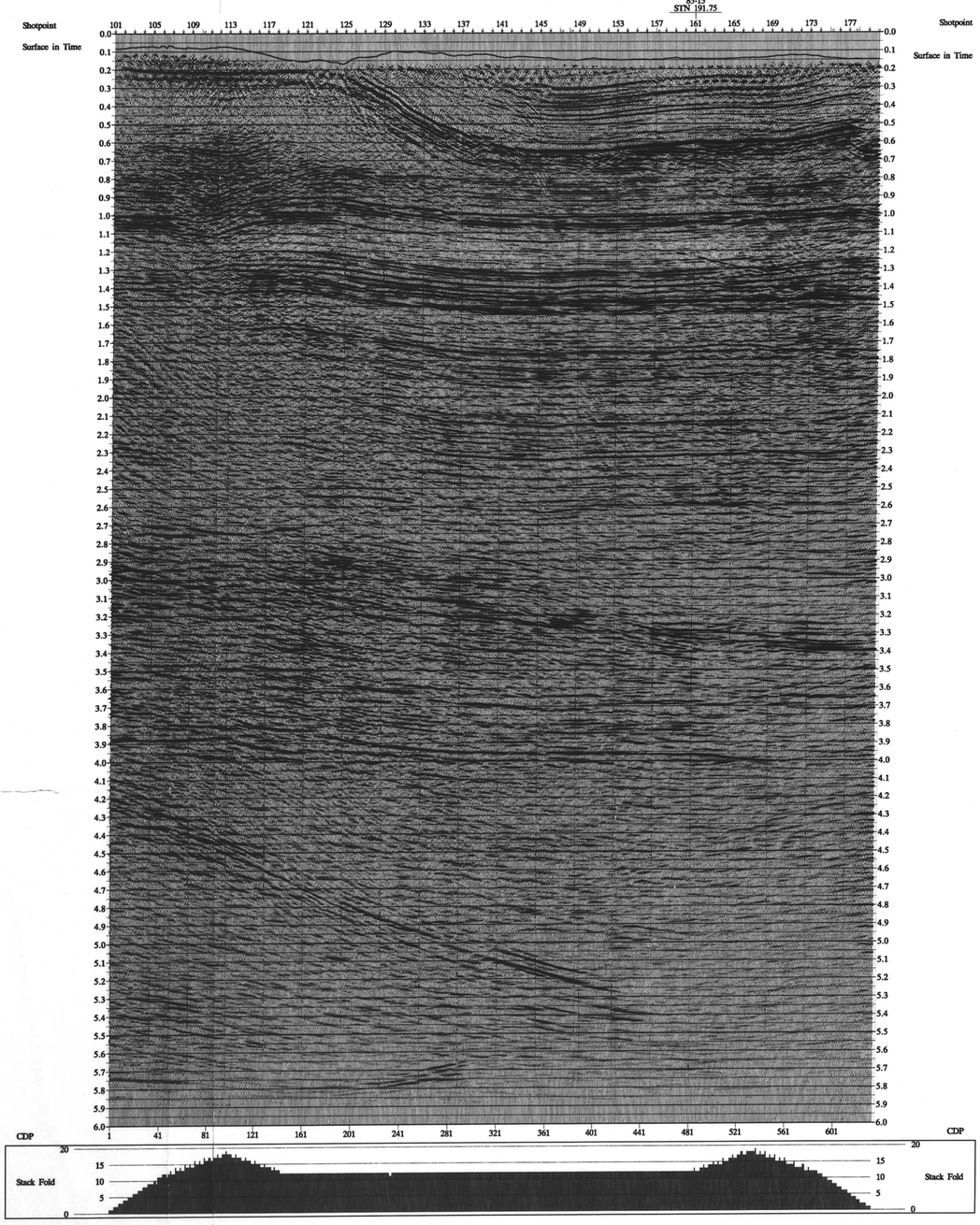
TRIATHLON 3000 Wallbay Road Ottawa, ON K1B 0P9 (613) 731-0571 PROJ. NO. 9227-D30-1E LINE NO. 85-17 PART NO. 1 OF 1 R.R. 8X

CDP 30			CDP 90			CDP 150			CDP 210			CDP 270			CDP 330			CDP 390			CDP 450			CDP 510			CDP 570		
TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV	TIME	VEL	INTV
92	2308	2765	87	2288	2319	69	2937	3352	108	2535	3105	156	2699	2960	112	2568	2621	86	2448	2260	88	2041	2363	80	2206	2396	70	2067	2353
232	2596	5383	240	2408	4250	205	3141	4037	195	2802	4164	456	3305	3913	346	2729	2939	230	2229	2639	173	2473	2653	151	2475	2769	137	2411	2744
510	4675	4320	350	3171	3300	459	3747	4388	324	3446	4533	675	3644	4607	488	3007	3737	510	3637	3102	436	2858	2965	424	2740	3089	336	2761	3145
663	4793	4937	449	4127	3114	755	4015	4792	632	4066	5046	822	3824	4361	587	3211	4084	676	2946	3347	504	2742	3112	509	2884	3417	671	2861	4625
774	4658	4174	822	4206	4462	853	4025	4103	775	4088	4176	937	3922	3473	673	3398	4463	620	3094	3542	560	2848	3683	723	3543	4534	823	3553	4858
903	4775	3282	992	4283	4759	1136	3961	3747	964	4048	2302	1082	3910	3795	760	3604	4074	704	3428	4247	667	3213	4772	832	3683	4452	862	3652	4212
1215	4901	3305	1147	4352	4887	1473	3913	4015	1156	3804	5691	1206	3898	4304	894	3678	4645	831	3582	4374	838	3587	4681	1141	3906	4686	1023	3721	4397
1544	4945	3192	1303	4419	4554	1775	3930	3879	1292	4033	4054	1387	4054	4410	1126	3443	5540	1107	3845	4616	1132	3738	3932	1299	4293	7117	1213	4046	5732
1872	5089	3176	1427	4433	4377	2114	3921	3921	1532	4053	4228	1546	4287	5360	1367	3445	5976	1350	3961	4569	1318	3929	5058	1585	4359	4813	1389	4216	4934
2192	5233	3713	1551	4453	4175	2454	3921	3921	1647	4072	4265	1748	4389	5066	1607	4467	4823	1504	4112	4929	1435	4099	5473	1777	4347	4247	1729	4325	5411
2550	5115	5713	1764	4538	5175	2574	3921	3921	1847	4172	4856	2072	4317	5005	1786	4443	4522	1815	4167	4553	1592	4269	5773	1969	4335	4225	1870	4433	5907
2882	5210	5896	1977	4633	5353	2919	4001	4531	2147	4159	4856	2196	4364	5221	2268	4617	5343	1989	4152	4035	1786	4423	5806	2156	4375	5057	2151	4653	6564
3142	5254	5539	2131	4716	5726	3347	3977	4310	2254	4264	4268	2377	4435	5531	2469	4659	5243	2275	4216	4497	1980	4577	5547	2420	4454	4698	2416	4900	5769
3423	5258	6056	2324	4799	5718	3687	4009	4470	2745	4256	4516	2551	4520	5707	2647	4791	5654	2440	4256	4536	2176	4799	5491	2704	4692	4733	2604	5039	5898
3783	5344	5751	2477	4739	5580	3959	4040	4529	3011	4379	4565	2739	4605	6167	2853	4844	5768	2637	4273	4508	2439	4814	5326	2980	4528	4768	2997	5109	6026
4033	5368	5797	2629	4845	3938	4191	4071	4588	3278	4303	4200	2928	4705	6147	3033	4944	5659	2844	4295	4547	2659	4817	5742	3187	4526	4803	3191	5179	5137
4251	5416	5844	2916	4609	3860	4494	4133	4647	3533	4287	4184	3071	4821	6360	3203	4909	5659	3044	4295	4547	2898	4897	5742	3511	4614	5353	3353	5238	5822
4496	5440	5890	3145	4617	4716	4949	4163	4673	4007	4289	4333	3267	4920	6281	3330	4972	5776	3203	4361	5484	3136	4980	5852	3835	4709	4621	3513	5238	5879
4924	5464	5906	3261	4614	4535	5204	4192	4729	4182	4291	4341	3482	5019	6188	3798	5028	5312	3363	4427	5702	3322	5000	5360	4017	4705	4612	3677	5268	5936
5152	5488	6051	3434	4641	5192	5419	4214	4762	4337	4293	4345	3619	5071	6198	4051	5059	5572	3523	4492	5621	3508	5020	5553	4199	4701	4612	3838	5295	5500
5608	5536	5500	3607	4669	5499	5633	4236	5500	4532	4295	5502	3775	5123	5499	4303	5091	5572	3682	4558	5500	3663	5043	5499	4399	4701	5499	3908	5295	5500
6000	5533	5500	6000	5017	5499	6000	4324	5500	6000	4619	5502	6000	5266	5499	6000	5210	5499	6000	4943	5500	6000	5228	5499	6000	4954	5499	6000	5371	5500





FRONTIER
AREA: MACKENZIE PLAIN
ID# (72698) LINE NAME: 85-17

North East

Anderson Exploration Ltd

9227-D30-1E

Brackett Lake

Northwest Territories

Line 85-17(72698)

NTS 96-F-4,3

SP 101 - 180

Migrated Stack

Normal Polarity

FIELD PARAMETERS

Recorded by	Western Geophysical Co. of Canada Ltd., Party 362 March, 1985
Recorded for	Petro-Canada
Amplifier	DFS V, 96 channels SEG-B format, IFP gain 8(18)-128(72) Hz(dB/Oct), Notch OUT
Record Length	6.0 seconds 2 ms sample interval
Source	Dynamite, single hole 2.0 Kg at 15 meters
Geophones	LRS L2011, 14 Hz 9 per string inline over 60.0 meters
Source Interval	132 meters
Group Interval	33 meters
Nominal Fold	1200%
Spread	1617 - 66 - SP - 66 - 1617 meters

PROCESSING SEQUENCE

Trace Kill/Reverse	
Trace editing MODE	Kill
SELECT trace Kill parameter file	Trace Kills
True Amplitude Recovery	
Basis for spherical spreading	1/(time*vel**2)
Should the velocity be treated as equivalent stacking	No
Select velocity parameter file	TAR Velocity Function
dB/sec correction constant	6.
Maximum application TIME	3000.
Filter Application	
SELECT filter dataset	Instr. & Geo. Compensation
Surface Consistent Decon	
TYPE of deconvolution	Spiking
Components of spectral decomposition:	SHOT RCVR OFFSET
Spectral decompositions used in Application	SHOT RCVR
Minimum absolute offset	132.
Maximum absolute offset	1617.
Decon operator length (ms)	100.
Operator 'white noise' level	0.01
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency panels	12
SPECIFY spectral balancing frequencies 4,10,130,150	
Mode for amplitude restoration	Log Average
Apply Elevation Statics	
Final datum elevation	400
Replacement velocity	3200
Database math method	Shot Holes Ignoring Upholes Times
NMO static method	Mean Statics
Length of smoother	31
Processing DATUM	NMO DATUM
Apply Residual Statics	
Apply Residual Statics	
Apply Residual Statics	
Apply Residual Statics	
Type of residual statics to apply	Max. Power Autostatics
Apply Trim Statics	
Normal Moveout Correction	
Direction for NMO application	FORWARD
SELECT Velocity parameter file	Final Velocities
Trace Muting	
TYPE of mute	Top
SELECT mute parameter file	Final Mute 3
Automatic Gain Control	
Application mode	APPLY
AGC operator length	500.
CDP/Ensemble Stack	
METHOD for trace summing	Mean
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency panels	12
SPECIFY spectral balancing frequencies 4,10,130,150	
Mode for amplitude restoration	Simple Mean
Trace Equalization	
SPECIFY TE gate parameters 1:500-5000/	
F-X Decon	
Horizontal window length	40
Number of filter samples	7
Time window length	100.
Time window overlap	50.
SGL Implicit FD Time Mig.	
CDP interval (m or ft)	16.4864
Aperture of migration operator	65 degrees
Select interval vs. time velocity file	Final Velocities
Percentage of input velocities to use for migration	100
Migrate from surface with zero velocity layer?	Yes
Pad Traces	
Header word to use for padding	CDP bin number
Spacing of header value	1.
Bandpass Filter	
TYPE of filter	Single Filter
Type of filter specification	Ormsby bandpass
PHASE of filter	Zero
Ormsby filter frequency values	5-10-80-100
Trace Equalization	
SPECIFY TE gate parameters 1:500-5000/	

DISPLAY PARAMETERS

Traces/Inch =	40	Display Gain =	0.35
Inches/Second =	3.75	Clip Limit =	3
NORMAL POLARITY		Tue Jan 9 14:58:49 2001	

SENSOR GEOPHYSICAL LTD.