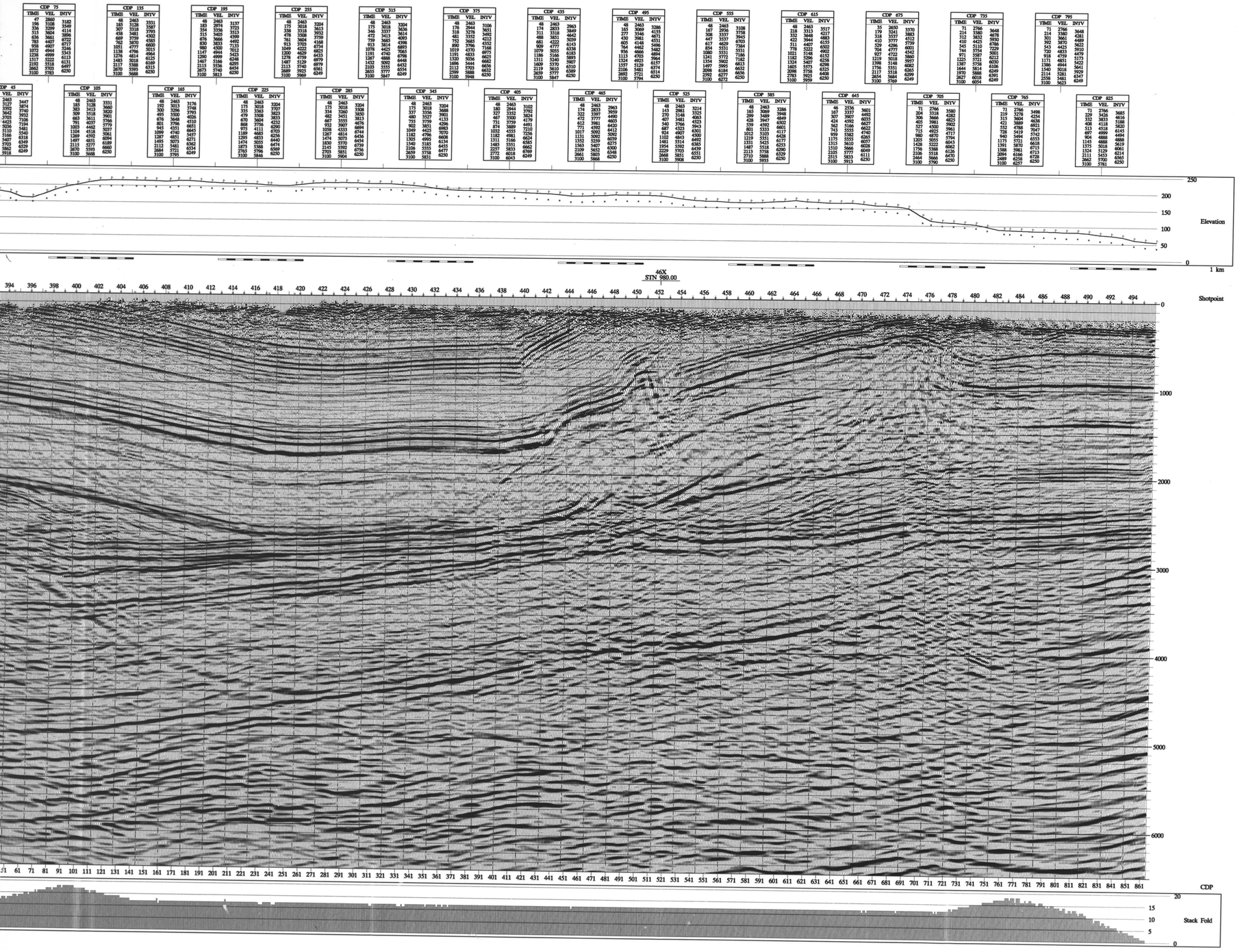

North East

EOG Resources Canada Inc.

Devo Creek, N.W.T.
Line 107X
65 27 N 127 46 W

SP 388 - 496

9227-E35-1E

Migrated Stack
Prestack Kirchhoff Depth Mig.
f-x Filter Applied
Normal Polarity

FIELD PARAMETERS

Recorded by	Western Geophysical Company of Canada Ltd., Party 362 February, 1982
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
Source	2 ms sample interval Dynamite, single hole 2.0 Kg at 18 meters
Geophones	Geospace 20D, 10 Hz 9 per string inline over 56 meters
Source Interval	132 meters
Group Interval	33 meters
Nominal Fold	120076
Spread	1584 - 33 - SP - 33 - 1584 meters

PROCESSING SEQUENCE

SEG-B Input	
Trace Kill/Reverse	
SELECT trace Kill parameter file	Trace Kills
True Amplitude Recovery	
Basis for spherical spreading	1/(time**ex1**2)
Should the velocity be treated as space variable?	No
Select velocity parameter file	TAR Velocity Function
dB/sec correction constant	9.
Maximum application TIME	2500.
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
Decon operator length (ms)	100.
Operator 'white noise' level	0.01
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency panels	9
SPECIFY spectral balancing frequencies 4,10,100,120	
Mode for amplitude restoration	Log Average
Apply Refraction Statics	
Final datum elevation	250
Replacement velocity	3250
NMO static method	Mean Statics
Length of smoother	33.
Processing DATUM	NMO DATUM
Apply Residual Statics	
Type of residual statics to apply	Max. Power Autostatics
Apply Residual Statics	
Apply Residual Statics	
Apply Trim Statics	
Normal Moveout Correction	
Direction for NMO application	FORWARD
SELECT Velocity parameter file	Final Velocities
Bandpass Filter	
TYPE of filter	Time and Space-Variant Filter
Type of filter specification	Ormsby bandpass
PHASE of filter	Zero
Space-variant filter parameters 1-5-10-90-110,5-35-60-75/	
SPECIFY filter time gate parameters 1-0-1600,2000-3000/	
Trace Muting	
SELECT mute parameter file	Final Mute
Automatic Gain Control	
AGC operator length	500.
Trace Binning	
Header entry to bin	Absolute value of offset
Header entry bin centers 148.5-1668.5(264)	
Normal Moveout Correction	
Direction for NMO application	INVERSE
SELECT Velocity parameter file	Final Velocities
Header Statics	
Bulk shift static	-100.
First header word to apply	Static to move to final datum
Second header word to apply	SIN_STAT
Third header word to apply	SRF_STAT
HOW to apply header statics	Add
Prestack Kirchhoff Depth Mig.	
CDP interval (feet or meters)	16.5
Migrate from topography?	Yes
Datum for top of section	250.
Migration aperture (feet or meters)	2412.
Avoid spatial aliasing?	Yes
Approximate input trace spacing in CDPs	1.
Method for producing the green's function	Multi-arrival ray tracing
Maximum emergence angle to trace rays	45.
Accuracy factor	2.
Do proper amplitudes?	Yes
Select interval vs. depth velocity file	V(X,Z) Model 10
Velocity Smoothing (feet or meters)	165.
CDP/Ensemble Stack	
METHOD for trace summing	Mean
F-X Decon	
Horizontal window length	40
Number of filter samples	7
Time window length	200.
Time window overlap	100.
Automatic Gain Control	
AGC operator length	2000.

DISPLAY PARAMETERS

Traces/Inch =	25	Display Gain =	0.35
Inches/Second =	2.5	Clip Limit =	3
NORMAL POLARITY		Fri Jan 14 12:06:48 2002	

SENSOR GEOPHYSICAL LTD.

TRIATHLON PROJ. NO. 9227-E35-1E

LINE NO. 107X PART NO. 1 OF 2 R.R. 8X

TRIATHLON

PROJ. NO. 9227-E35-1E

LINE NO. 107X

PART NO. 2 OF 2 R.R. 8X

CDP 75		
TIME	VEL	INTV
47	2860	
196	3108	3182
336	3299	3349
515	3604	3894
636	3661	4722
785	4407	6717
992	4907	7246
1095	4991	5343
1156	4990	3343
1317	5222	6133
1592	5516	6131
2662	5705	6497
3100	5781	6250

CDP 135		
TIME	VEL	INTV
48	2463	3331
185	3128	3527
307	3318	3793
458	3481	4302
669	3759	4585
762	3870	6600
1031	4772	5015
1176	4914	4964
1376	4814	6125
1483	5018	6169
2117	5388	6315
2670	5593	6315
3100	5686	6250

CDP 195		
TIME	VEL	INTV
48	2463	3137
183	2974	3723
354	3356	3513
515	3405	4399
676	3666	4492
830	3833	7133
1047	4500	7032
1260	4999	6248
1467	5166	6248
2115	5556	6295
2673	5740	6454
3100	5813	6250

CDP 255		
TIME	VEL	INTV
48	2463	3204
175	3018	3613
338	3318	3932
478	3588	3759
761	3604	4168
913	3703	6754
1069	4223	6625
1267	4814	6453
1376	4799	6979
1487	5129	6979
2115	5740	6561
2689	5925	6349
3100	5969	

CDP 315		
TIME	VEL	INTV
48	2463	3204
175	3018	3636
346	3337	3614
472	3413	4093
759	3685	4398
913	3814	6893
1078	4425	7065
1267	4814	6798
1432	5092	6448
2103	5555	6452
2655	5777	6554
3100	5847	6249

CDP 375		
TIME	VEL	INTV
48	2463	3106
176	2944	3651
318	3278	3492
481	3552	4212
752	3685	4352
890	3796	7166
1019	4370	6975
1311	5045	6625
1320	5026	6682
1696	5444	6656
2112	5705	6389
2399	5888	6632
3100	5948	6250

CDP 435		
TIME	VEL	INTV
48	2463	2963
174	2833	3849
311	3318	4642
488	3851	5059
681	4222	6143
890	4775	6338
1079	5055	6183
1311	5345	5893
1689	5370	5907
2119	5610	6310
2659	5777	6389
3100	5847	6250

CDP 495		
TIME	VEL	INTV
48	2463	3286
165	3069	4155
277	3546	4671
430	3981	4531
605	4148	5496
764	4462	5482
916	4669	6894
1154	4925	7964
1557	5129	6157
2106	5481	6374
2692	5721	6514
3100	5794	6250

CDP 555		
TIME	VEL	INTV
48	2463	3108
167	2956	3758
308	3337	3945
447	3537	6703
617	4629	7394
856	5531	5531
1090	5772	7186
1497	5995	6632
2096	6184	6656
2592	6277	6250
3100	6272	

CDP 615		
TIME	VEL	INTV
48	2463	3517
218	3313	4217
332	3648	4883
422	3944	6153
511	4407	6502
778	5222	4902
1021	5396	6152
1324	5607	6258
1605	5973	6298
2096	5798	6325
2783	5925	6438
3100	5959	6250

CDP 675		
TIME	VEL	INTV
35	2650	3370
179	3241	3883
318	3537	4512
410	3777	5759
529	4296	6801
709	4777	4542
1071	4922	5860
1299	5148	5957
1756	5351	6082
2117	5518	6365
2654	5684	6299
3100	5769	6349

CDP 735		
TIME	VEL	INTV
71	2786	3648
214	3380	4078
332	3852	5930
410	4425	6786
545	5110	7229
744	5754	5001
973	5587	6212
1271	5758	6050
1644	5814	6106
1970	5888	6349
2627	6018	6391
3100	6054	6349

CDP 795		
TIME	VEL	INTV
71	2786	3648
214	3380	4281
301	3661	4489
392	3870	5622
543	4425	5910
729	4853	6479
918	4795	5173
1134	4964	5422
1340	5018	5641
2114	5381	5929
2538	5481	6349
3100	5625	

CDP 45		
TIME	VEL	INTV
48	2463	3447
133	3127	3874
333	3592	3740
496	3642	3932
625	3703	7106
769	4425	7194
1041	5110	5481
1235	5166	5540
1529	5407	6318
2176	5703	6349
2660	5862	6229
3100	5918	6249

CDP 105		
TIME	VEL	INTV
48	2463	3331
185	3128	3660
383	3413	3820
509	3518	3901
603	3611	5706
701	4037	5779
1034	4518	5027
1269	4892	5061
1497	4851	6004
2115	5277	6189
2670	5593	6660
3100	5688	6250

CDP 165		
TIME	VEL	INTV
48	2463	3176
192	3013	3748
300	3396	3793
495	3500	4026
676	3648	4510
801	3798	6651
1099	4743	6643
1287	4851	5457
1495	5073	6271
2112	5481	6362
2684	5721	6354
3100	5795	6249

CDP 225		
TIME	VEL	INTV
48	2463	3204
175	3018	3707
335	3363	3823
479	3508	3833
670	3604	4232
868	3756	6290
1041	4518	6703
1109	4885	6256
1295	4833	6440
1474	5055	6474
1873	5388	6269
2765	5796	6349
3100	5846	6250

CDP 285		
TIME	VEL	INTV
48	2463	3204
175	3018	3508
334	3360	3850
482	3451	3813
667	3555	4076
852	3907	6694
1041	4518	6744
1267	4814	6456
1474	5073	6454
1830	5370	6799
2145	5592	6756
2703	5851	6256
3100	5904	6250

CDP 345		
TIME	VEL	INTV
48	2463	3204
175	3018	3688
337	3356	3901
480	3527	4133
735	3799	4296
908	3851	6983
1041	4518	7070
1182	4796	6608
1305	4993	6134
1540	5185	6455
2106	5555	6477
2659	5758	6250
3100	5831	

CDP 405		
TIME	VEL	INTV
48	2463	3102
180	2944	3792
377	3352	3824
492	3500	4179
731	3799	4491
874	3889	7210
1041	4518	7256
1182	4981	6624
1311	5166	6585
1483	5351	6662
2257	5833	6769
2772	6018	6749
3100	6043	6349

CDP 465		
TIME	VEL	INTV
48	2463	2963
174	2833	3959
322	3397	4490
472	3777	4603
612	3981	6420
777	4592	6412
1131	5092	5692
1352	5259	6039
1503	5407	6273
2109	5652	6300
2661	5803	6348
3100	5868	6250

CDP 525		
TIME	VEL	INTV
48	2463	3216
143	2981	3325
270	3148	4061
407	3481	4523
540	3766	5943
687	4323	6301
1041	4814	4503
1481	5314	6492
1954	5592	6385
2229	5703	6439
2668	5851	6551
3100	5908	6250

CDP 585		
TIME	VEL	INTV
46	2463	3286
165	3069	3948
299	3489	4649
428	3947	6502
729	4592	6601
921	5333	4117
1041	5103	6428
1331	5425	6177
1697	5518	6253
2113	5758	6260
2710	5888	6329
3100	5935	6250

CDP 645		
TIME	VEL	INTV
46	2536	3401
167	3337	4492
307	3907	6055
424	4592	6627
562	5166	6622
743	5555	4740
1041	5592	6265
1313	5810	6057
1510	5666	6028
2105	5777	6049
2515	5851	6111
3100	5913	6250

CDP 705		
TIME	VEL	INTV
71	2786	3580
204	3318	4202
306	3666	4825
405	3981	5902
527	4300	5961
715	4925	4717
980	4970	5794
1428	5255	6043
1796	5388	6062
2106	5518	6126
2464	5666	6470
3100	5790	6250

CDP 765		
TIME	VEL	INTV
71	2786	3498
219	3278	4254
315	3604	4638
421	3889	6921
552	4788	7697
728	5419	5742
1041	5592	6053
1373	5703	6618
1592	5981	6715
2094	6166	6728
2489	6258	6250
3100	6257	

CDP 825		
TIME	VEL	INTV
71	2786	3685
229	3426	4686
332	3853	5188
428	4118	5820
513	4518	6145
697	4999	4694
904	4888	4888
1345	5018	5619
1524	5129	6061
2111	5453	6214
2662	5703	6565
3100	5781	6250