

Efficiencies in 3D Design - Implementation and Operations





























Rolling the Patch - "Vibroseis" roll

Rolling the Patch "Vibroseis" roll

- Better

















4	R-line	Start	End	Stations	Length	Existing	Newcut	Water		
5					km	km	km	km		
6										
7	40	40136	40145	10	0.659	0.659	0.000	0.000		
8	42	42123	42144	22	1.454	1.454	0.000	0.000		
9	44	44102	44222	121	7.982	7.982	0.000	0.000		
10	46	46102	46221	120	7.975	7.975	_			
11	48	48101	48221	121	7.982	7.982				
12	50	50102	50221	120	7.918	7.918				
13	52	52102	52221	120	7.972	7.972			a	
14	54	54101	54221	121	7.983	7.983		Line	Summary	
15	56	56102	56221	120	7.916	7.916				
16	58	58101	58232	132	8.709	8.709				
17	60	60114	60233	120	7.925	7.925		r	acaivara	
18	62	62124	62234	111	7.322	7.322		- 10001/015		
19	64	64135	64234	100	6.597	6.597				
20	66	66134	66233	100	6.600	6.600				
21	68	68135	68234	100	6.596	6.596				
22	70	70135	70234	100	6.598	6.598	0.000	0.000		
23	72	72134	72233	100	6.594	6.594	0.000	0.000		
24	74	74135	74233	99	6.533	6.533	0.000	0.000		
25	76	76135	76234	100	6.601	6.601	0.000	0.000		
26	78	78146	78233	88	5.813	5.813	0.000	0.000		
27	80	80146	80233	88	5.806	5.806	0.000	0.000		
28	82	82163	82234	72	4.752	4.752	0.000	0.000		
29	84	84179	84233	55	3.780	3.780	0.000	0.000		
30	86	86196	86208	13	0.858	0.858	0.000	0.000		
31									11 11 11	
32			Total	2253	148.922	148.922	0.000	0.000		
33		Min		10	0.659	0.659	0.000	0.000		
34		Max		132	8.709	09 8.709	0.000	0.000 0.000	30	
35			Ava	93.875	6,205	6,205	0.000	0.000		































































Most Important Factors: Preservation of the Wavefield – bin size, patch size Statistical Diversity – grid density, aspect ratio Robustness under Perturbation – model type – skidding and offsetting



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If you desire more information or would like a copy of this tutorial, please contact Norm Cooper or Yajaira Herrera phone (403) 265-5255 fax (403) 265-7921 e:mail ncooper@mustagh.com web page http://www.mustagh.com



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