



# REPORT of SUB-SURFACE DIRECTIONAL SURVEY

Trend Exploration Co.  
COMPANY

Craig #1-7  
WELL NAME

LOCATION

JOB NUMBER

TYPE OF SURVEY

DATE

Single Shot

SURVEY BY

OFFICE  
Rocky Mtn.



# RECORD OF SURVEY

CHECKED BY \_\_\_\_\_ JOB NO. Craig #1-7 DATE \_\_\_\_\_ Page 1 of 6

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
	50	0	50	-	S03E		25	01	
	107	15'		25	S03E		70	03	
	158	30'		45	S03E		99	05	
	180	45'		29	S03E		1 64	08	
	210	1°15'	209	65	S03E		2 58	13	
	253	1°15'		94	S03E		3 10	16	
	283	1°		52	S03E		3 52	18	
	315	45'		42	S03E		4 08	21	
	347	1°		56	S03E		5 83	30	
	481	45'	480	75	S03E		8 43	44	
	600	1°15'		2 60	S03E		10 44	55	
	692	1°15'		2 01	S03E		13 31	70	
	786	1°45'		2 87	S03E		16 28	86	
	922	1°15'		2 97	S03E		19 64	1 04	
	1076	1°15'	1075	3 36	S03E		23 03	1 27	
	1244	1°30'		4 40	S03E		25 90	1 42	
	1338	1°45'		2 87	S03E		29 11	1 59	
	1430	2°		3 21	S03E		32 32	1 76	
	1535	1°45'		3 21	S03E		34 75	1 89	
	1628	1°30'	1627	2 43	S03E		37 59	2 04	
	1721	1°45'		2 84	S03E		41 52	2 25	
	1850	1°45'		3 94	S03E		43 01	2 33	
	1907	1°30'		1 49	S03E		45 79	2 48	
	1998	1°45'		2 78	S03E		52 41	2 83	
	2188	2°	2187	6 63	S03E		55 31	2 98	
	2283	1°45'		2 90	S03E		59 09	3 38	
	2392	2°		3 80	S06E		64 12	3 47	
	2520	2°15'		5 03	S01E		69 34	3 83	
	2640	2°30'		5 23	S04E		74 63	4 39	
	2762	2°30'	2760	5 32	S06E		80 30	4 49	
	2892	2°30'		5 67	S01E				



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STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
	3010	2°45'		5 66	S02E		85 96	4 69	
	3138	2°30'		5 58	S05E		91 52	5 18	
	3296	2°45'	3294 20	7 58	S05E		99 07	5 84	
	3451	3°	3448 99	8 11	S01W		107 18	5 70	
	3578	3°		6 65	S05E		113 80	6 28	
	3733	3°15'		8 79	S06E		122 54	7 20	
	4016	2°45'		13 58	S06E		136 05	8 62	
	4140	3°		6 49	S01E		142 54	8 73	
	4295	3°15'	4291 82	8 79	S04E		151 31	9 34	
	4400	3°	4396 68	5 50	S02W		156 81	9 15	
	4515	2°30'	4511 57	5 02	S10W		161 75	8 28	
	4592	2°45'	4588 48	3 69	S20E		165 22	9 54	
	4699	3°45'	4695 25	7 -	S23E		171 66	12 28	
	4792	5°30'	4787 82	8 91	S32E		179 22	17 -	
	4825	5°45'	4820 65	3 31	S27E		182 17	18 50	
	4935	7°	4929 83	13 41	S29E		193 90	25 -	
	5030	8°	5023 91	13 22	S73E		197 77	37 64	
	5111	8°15'	5104 07	11 62	S22E		208 54	41 99	
	5213	9°	5204 81	15 96	S19E		223 63	47 19	
	5307	9°30'	5297 52	15 51	S11E		238 86	50 15	
	5374	9°45'	5363 55	11 35	S08E		250 10	51 73	
	5493	10°	5480 74	20 66	S01E		270 76	52 09	
	5584	10°15'	5570 29	16 19	S02W		286 94	51 52	
	5698	11°45'	5681 90	23 22	S05W		310 07	49 50	
	5788	12°30'	5769 77	19 48	S07W		329 40	47 13	
	5871	13°30'	5850 48	19 38	S10W		348 49	43 76	
	5977	15°	5952 87	27 43	S14W		375 11	37 13	
	6069	16°30'	6041 08	26 13	S16W		400 23	29 93	
	6155	17°	6123 32	25 14	S19W		424 -	21 75	
	6259	18°30'	6221 95	33 -	S22W		454 60	9 39	
	6386	20°	6341 29	43 44	S25W		493 97	8 97	



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STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
	6513	22°	6459 04	47 58	S26W		536 73		29 83
	6637	22°15'	6573 81	46 95	S25W		579 28		49 67
	6669-	21°45'	6603 53	11 86	S26W		589 94		54 87
	6727	20°45'	6657 77	20 55	S27W		608 25		64 20
	6748	21°15'	6677 34	7 61	S30W		614 84		68 01
	6818	21°45'	6742 36	25 94	S30W		637 30		80 98
	6882	22°	6801 70	23 97	S27W		658 66		91 86
	6976	22°	6888 86	35 21	S33W		688 19		111 04
	7001	20°	6912 35	8 55	S34W		695 28		115 82
	7184	22°15'	7081 72	69 29	S33W		753 39		153 56
	7334	23°	7219 80	58 61	S33W		802 54		185 48
	7490	24°	7362 31	63 45	S34W		855 14		220 96
	Side Tract #1								
	4400	3°	4396 68	5 50	S02W		156 81	9 15	
	4515	2°30'		5 02	S01W		161 75	8 28	
	4592	2°45'		3 69	S20E		165 22	9 59	
	4616	2°45'		1 15	S45E		166 03	10 40	
	4663-	2°30'	4659 41	2 05	N24E		164 16	11 23	
	4693	3°30'		1 83	N04E		162 33	11 36	
	4726	4°15'	4722 26	2 45	N03W		159 88	11 23	
	4768-	4°15'	4764 14	3 11	N21W		156 98	10 12	
	4822	3°45'		3 53	N24E		153 76	11 56	
	4859	5°45'		3 71	N45E		151 14	14 18	
	4901	7°30'		5 48	N50E		147 62	18 38	
	4932	9°		4 85	N59E		145 12	22 54	
	4965	10°30'	4959 54	6 01	N63E		142 39	27 89	
	4995	12°15'		6 37	N66E		139 80	33 71	
	5049	14°15'	5041 20	13 29	N63E		133 77	45 55	
	5085	14°		8 71	N60E		129 41	53 09	
	5116	12°30'		6 71	N57E		125 76	58 72	



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STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
	5160	12°45'	5149 32	9 71	N53E		119 92	66 47	
	5180	12°45'		4 41	N51E		117 14	69 90	
	5210	13°		6 75	N48E		112 62	74 92	
	5242	12°30'		6 93	N39E		107 23	79 28	
	5273	10°30'	5259 78	5 65	N35E		102 60	82 52	
	Side Tract #2								
	4726	4°15'	4722 26	2 45	N03W		159 88	11 23	
	4768	4°15'	4764 14	3 11	N21W		156 98	10 12	
	4810	6°45'	4805 85	4 94	N20W		152 34	8 43	
	4840	8°30'	4835 52	4 43	N19W		148 15	6 99	
	4869	9°15'	4864 14	4 66	N09W		143 55	6 26	
	4900	10°	4894 67	5 38	N05W		138 19	5 79	
	4949	11°45'	4942 64	9 98	N09W		128 33	4 23	
	4993	13°	4985 51	9 90	N12W		118 65	2 17	
	5026	14°	5017 53	7 98	N13W		110 87	37	
	5058	15°	5048 44	8 28	N18W		103 00		2 19
	5110	14°15'	5098 84	12 80	N22W		91 13		6 98
	5167	14°15'	5154 09	14 03	N06W		77 18		8 45
	5206	14°15'	5191 89	9 60	N06E		67 64		7 45
	5360	21°15'	5335 42	55 82	N24E		16 65	15 25	
	5460	26°15'	5425 11	44 23	N31E	21 26		38 03	
	5483	27°15'	5445 56	10 53	N35E	29 89		44 07	
	5514	26°45'	5473 24	13 95	N39E	40 73		52 85	
	5544	26°45'	5500 03	13 50	N40E	51 07		61 53	
	5575	26°15'	5527 83	13 71	N41E	61 42		70 52	
	5605	26°	5554 79	13 15	N42E	71 19		79 32	
	5641	26°	5587 15	15 78	N41E	83 10		89 67	
	5672	25°45'	5615 07	13 47	N42E	93 11		98 68	
	5736	27°15'	5671 97	29 30	N44E	114 19		119 03	
	5767	28°	5699 34	14 55	N44E	124 66		129 14	



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						NORTH	SOUTH	EAST	WEST
	5800	27°45'	5728 54	15 37	N44E	135 72		139 82	
	5862	27°30'	5783 53	28 63	N45E	155 96		160 06	
	5925	27°15'	5839 54	28 85	N45E	176 36		180 46	
	5987	27°0	5894 78	28 15	N45E	196 27		200 37	
	6050	26°30'	5951 16	28 11	N46E	215 80		220 59	
	6113	26°0	6007 78	27 62	N46E	234 99		240 46	
	6176	26°45'	6064 04	28 36	N46E	254 69		260 86	
	6205	28°15'	6089 59	13 73	N45E	264 40		270 57	
	6266	28°45'	6143 07	29 34	N44E	285 50		290 95	
	6328	28°45'	6197 43	29 82	N47E	305 84		312 76	
	6392	28°15'	6253 81	30 29	N46E	326 88		334 55	
	6464	27°15'	6317 82	32 97	N46E	349 78		358 27	
	6525	27°0	6372 17	27 69	N47E	368 66		378 52	
	6588	26°30'	6428 55	28 11	N49E	387 10		399 73	
	6611	26°0	6449 22	10 08	N49E	393 71		407 34	
	6743	27°0	6566 83	59 93	N42E	438 25		447 44	
	6807	28°0	6623 34	30 05	N41E	460 93		467 15	
	6869	27°15'	6678 46	28 39	N43E	481 69		486 51	
	6902	26°15'	6708 06	14 60	N44E	492 19		496 65	
	7024	26°45'	6817 00	54 91	N45E	531 02		535 48	
	7057	27°0	6846 40	14 98	N44E	541 80		545 89	
	7089	26°45'	6874 98	14 40	N44E	552 16		555 89	
	7184	26°45'	6959 81	42 76	N43E	583 43		585 05	
	7212	27°0	6984 76	12 71	N43E	592 73		593 72	
	7245	26°0	7014 42	14 47	N42E	603 48		603 40	
	7370	29°45'	7122 94	62 03	N34E	654 91		638 09	
	7400	31°15'	7148 59	15 56	N33E	667 96		646 56	
	7452	30°45'	7193 28	26 59	N33E	690 26		661 04	
	7556	29°0	7284 24	50 42	N33E	732 55		688 50	
	7650	27°45'	7367 43	43 77	N34E	768 84		712 98	
	7748	26°0	7455 51	42 96	N34E	804 46		737 -	



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						NORTH	SOUTH	EAST	WEST
	7843	25°15'	7541 43	40 52	N36E	837 24		760 82	
	7936	23°45'	7626 55	37 46	N34E	868 30		781 77	
	8029	23°	7712 16	36 34	N37E	897 32		803 64	
	8143	21°	7818 59	40 85	N37E	929 94		828 22	
	8240	20°45'	7909 30	34 37	N37E	957 39		848 90	
	8334	20°	7997 63	32 15	N38E	982 72		868 69	
	8426	18°30'	8084 88	29 19	N40E	1005 08		887 45	
	8470	18°15'	8126 67	13 78	N40E	1015 64		896 31	
	8579	17°15'	8230 77	32 32	N40E	1040 40		917 08	
	8700	16°	8347 08	33 35	N44E	1064 39		940 25	
					Closure Direction		N41°27' E		
					Closure Distance		1420.07		