

Professional Directional, LTD										Surface 2605/5 2400/W M1 JV													
Company: U.S. Enerncorp					Job Number: LNM 79706					Calculation: Minimum Curvature					30-039-30083								
Well: Almagre Arroyo 30 # 1					Grid Conv.: 0.25					VS AZM: 140					BHL 2400/N 2245/W 5848, 5707								
Location: Rio Arriba Co, New Mexico					Declination: 10.36					RKB - MSL:					BHL 1630/N 1467/W 7039, 5999								
Rig: Patterson 754					Total Correction: 10.36					Tie Into:													
Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction (Quad)	Course Length (ft)	True Vert Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')									
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)				Horizontal / Build & Hold Wells Positioning Only								
															BRN	+RT/-LT	AZM>TAR	HD>TAR	+HI/-LO	INC>TAR	BUR	INC@TD	AZM@TD
Tie-In	1752	1 10	117 10	0	0 0	0	1750 24	-57 88	-50 12	30 32		0 62											
KOFF	1827	0 51	145 22	S 34 8 E	75	1825 23	58 88	S 50 72	E 31 15	59 52	148 44	0 92	-0 79	37 49	0 7	8 7	340 7	2260 1	8101 0	3 3	-0 8	0 1	162 5
MWD	1838	0 51	144 97	S 35 0 E	11	1836 23	58 98	S 50 80	E 31 21	59 62	148 44	0 02	0 00	-2 27	0 7	8 7	340 7	2260 2	8090 0	3 3	0 0	0 5	143 9
MWD	1870	1 85	281 90	N 78 1 W	32	1868 23	58 71	S 50 81	E 30 78	59 41	148 79	7 03	4 19	427 91	0 7	9 1	340 7	2260 1	8058 0	3 3	4 2	3 8	478 7
MWD	1901	3 56	287 42	N 72 6 W	31	1899 19	57 51	S 50 42	E 29 38	58 35	149 77	5 57	5 52	17 81	0 7	9 9	340 7	2259 3	8027 1	3 4	5 5	6 1	295 6
MWD	1933	5 01	288 69	N 71 3 W	32	1931 10	55 48	S 49 68	E 27 10	56 59	151 38	4 54	4 53	3 97	0 7	11 2	340 8	2257 8	7995 2	3 4	4 5	7 1	290 5
MWD	2027	4 28	284 64	N 75 4 W	94	2024 79	49 11	S 47 47	E 19 82	51 45	157 34	0 85	-0 78	-4 31	0 7	15 3	340 9	2253 3	7901 7	3 5	-0 8	3 9	282 7
MWD	2122	3 78	146 00	S 34 0 E	95	2119 69	49 33	S 49 18	E 18 14	52 42	159 75	7 94	-0 53	-145 94	0 7	17 7	341 0	2254 4	7806 8	3 5	-0 5	3 5	78 9
MWD	2217	3 60	155 22	S 24 8 E	95	2214 50	55 32	S 54 48	E 21 14	58 44	158 79	0 65	-0 19	9 71	0 7	18 8	340 9	2260 4	7711 8	3 5	-0 2	3 5	159 7
MWD	2312	1 79	242 88	S 62 9 W	95	2309 42	57 87	S 57 87	E 21 07	61 58	159 99	4 16	-1 91	92 27	0 7	21 1	341 0	2263 6	7616 8	3 5	-1 9	0 9	285 3
MWD	2406	2 23	288 95	N 71 1 W	94	2403 37	55 98	S 57 94	E 18 03	60 68	162 71	1 73	0 47	49 01	0 7	23 4	341 0	2262 7	7522 9	3 6	0 5	2 4	311 5
MWD	2500	1 94	14 61	S 34 8 E	94	2497 32	53 49	S 55 81	E 16 71	58 25	163 33	3 02	-0 31	-291 85	0 7	23 1	341 1	2260 2	7429 0	3 7	-0 3	1 8	-119 6
MWD	2595	2 33	105 39	S 74 5 E	95	2592 28	54 15	S 54 76	E 18 97	57 96	160 89	3 21	0 41	95 56	0 8	20 7	341 0	2260 0	7334 1	3 7	0 4	2 5	149 3
MWD	2689	2 67	150 80	S 29 2 E	94	2686 20	57 87	S 57 18	E 21 88	61 23	159 06	2 08	0 36	48 31	0 8	20 0	340 9	2263 2	7240 1	3 7	0 4	2 8	173 0
MWD	2784	3 47	216 40	S 36 4 W	95	2781 09	60 72	S 61 43	E 21 26	65 00	160 91	3 57	0 84	69 05	0 8	23 2	341 0	2267 0	7145 1	3 8	0 8	3 9	248 2
MWD	2879	2 79	258 37	S 78 4 W	95	2875 96	60 30	S 64 21	E 17 29	66 50	164 93	2 45	-0 72	44 18	0 8	28 0	341 1	2268 3	7050 3	3 8	-0 7	2 5	278 7
MWD	2972	1 74	338 50	N 21 5 W	93	2968 90	57 88	S 63 35	E 14 55	65 00	167 06	3 25	-1 13	86 16	0 8	29 6	341 2	2266 7	6957 4	3 9	-1 1	1 2	378 1
MWD	3066	1 93	37 84	N 37 8 E	94	3062 86	56 20	S 60 77	E 15 00	62 60	166 14	1 94	0 20	-319 85	0 8	27 6	341 1	2264 4	6863 4	3 9	0 2	2 0	-109 3
MWD	3160	1 84	87 75	N 87 8 E	94	3156 82	56 79	S 59 46	E 17 48	61 98	163 62	1 69	-0 10	53 10	-0 8	24 8	341 1	2263 9	6769 5	4 0	-0 1	1 8	112 2
MWD	3255	2 50	109 23	S 70 8 E	95	3251 75	59 50	S 60 09	E 20 96	63 64	160 77	1 09	0 69	22 81	0 8	22 6	341 0	2265 6	6674 5	4 0	0 7	2 8	119 6
MWD	3349	2 65	122 87	S 57 1 E	94	3345 66	63 34	S 61 94	E 24 72	66 69	158 24	0 67	0 16	14 51	0 8	20 9	340 9	2268 6	6580 5	4 1	0 2	2 7	129 5
MWD	3444	2 44	129 93	S 50 1 E	95	3440 56	67 43	S 64 43	E 28 12	70 30	156 43	0 40	-0 22	7 43	0 8	19 9	340 9	2272 1	6485 5	4 1	-0 2	2 3	133 3
MWD	3539	2 26	136 25	S 43 8 E	95	3535 48	71 29	S 67 08	E 30 96	73 88	155 22	0 33	-0 19	6 65	0 9	19 4	340 8	2275 5	6390 5	4 1	-0 2	2 2	139 3
MWD	3632	2 14	148 27	S 31 7 E	93	3628 41	74 84	S 69 88	E 33 14	77 35	154 63	0 51	-0 13	12 92	0 9	19 5	340 8	2278 9	6297 4	4 1	-0 1	2 1	154 2
MWD	3725	2 58	155 34	S 24 7 E	93	3721 33	78 58	S 73 26	E 34 93	81 16	154 51	0 57	0 47	7 60	0 9	20 3	340 8	2282 7	6204 4	4 2	0 5	2 8	158 8
MWD	3819	2 18	162 49	S 17 5 E	94	3815 25	82 27	S 76 89	E 36 35	85 05	154 70	0 53	-0 43	7 61	0 9	21 6	340 8	2286 6	6110 4	4 2	-0 4	2 0	166 0
MWD	3918	2 41	162 02	S 18 0 E	99	3914 17	85 94	S 80 67	E 37 56	88 98	155 03	0 23	0 23	-0 47	0 9	23 1	340 8	2290 5	6011 4	4 2	0 2	2 5	161 8
MWD	4008	2 39	159 41	S 20 6 E	90	4004 10	89 46	S 84 22	E 38 80	92 73	155 26	0 12	-0 02	-2 90	0 9	24 4	340 8	2294 3	5921 4	4 3	0 0	2 4	158 1
MWD	4102	2 42	154 36	S 25 6 E	94	4098 01	93 23	S 87 85	E 40 35	96 67	155 33	0 23	0 03	-5 37	0 9	25 6	340 8	2298 2	5827 4	4 3	0 0	2 4	151 9
MWD	4197	2 26	147 42	S 32 6 E	95	4192 93	97 03	S 91 23	E 42 23	100 53	155 16	0 34	-0 17	-7 31	1 0	26 3	340 7	2302 0	5732 4	4 3	-0 2	2 2	144 1
MWD	4293	2 04	139 28	S 40 7 E	96	4288 87	100 62	S 94 12	E 44 36	104 05	154 76	0 39	-0 23	-8 48	1 0	26 5	340 7	2305 5	5636 4	4 4	-0 2	1 9	135 4
MWD	4388	3 06	140 50	S 39 5 E	95	4383 77	104 84	S 97 36	E 47 08	108 15	154 19	1 08	1 07	1 26	1 0	26 5	340 7	2309 4	5541 4	4 4	1 1	3 6	141 1
MWD	4483	3 48	138 74	S 41 3 E	95	4478 62	110 26	S 101 49	E 50 59	113 40	153 50	0 45	0 44	-1 85	1 0	26 5	340 6	2314 5	5446 4	4 4	0 4	3 7	137 9
MWD	4578	3 61	136 65	S 43 4 E	95	4573 43	116 13	S 105 83	E 54 55	119 06	152 73	0 19	0 14	-2 20	1 0	26 2	340 6	2319 9	5351 4	4 4	0 1	3 7	135 6
MWD	4673	3 94	139 50	S 40 5 E	95	4668 23	122 38	S 110 48	E 58 72	125 12	152 01	0 40	0 35	3 00	1 0	26 0	340 5	2325 7	5256 5	4 4	0 3	4 1	140 9
MWD	4800	3 70	149 00	S 31 0 E	127	4794 95	130 79	S 117 32	E 63 66	133 48	151 51	0 53	-0 19	7 48	1 0	26 6	340 5	2333 8	5129 6	4 4	-0 2	3 6	152 4
EMT	4902	0 90	350 10	N 9 9 W	102	4896 89	133 35	S 119 35	E 65 22	136 01	151 34	4 46	-2 75	197 16	1 1	26 8	340 4	2336 2	5027 6	4 5	-2 7	-0 4	440 8
EMT	4996	8 50	307 90	N 52 1 W	94	4990 51	125 91	S 114 35	E 59 60	128 95	152 47	8 36	8 09	-44 89	1 0	27 8	340 5	2329 6	4934 1	4 7	8 1	12 2	287 2
EMT	5090	12 30	319 50	N 40 5 W	94	5082 96	109 09	S 102 46	E 47 61	112 98	155 08	4 60	4 04	12 34	0 9	29 4	340 7	2314 4	4842 1	5 0	4 0	14 2	325 2
EMT	5188	15 60	329 50	N 30 5 W	98	5178 07	85 65	S 83 16	E 34 14	89 90	157 68	4 16	3 37	10 20	0 9	27 3	340 9	2291 8	4747 5	5 3	3 4	17 1	334 2
EMT	5287	15 70	337 00	N 23 0 W	99	5273 41	59 71	S 59 36	E 22 15	63 36	159 54	2 04	0 10	7 58	0 9	21 2	341 0	2265 3	4652 8	5 8	0 1	15 7	340 5
EMT	5382	19 10	340 50	N 19 5 W	95	5364 05	32 85	S 32 87	E 11 94	34 97	160 04	3 74	3 58	9 58	0 8	12 0	341 0	2237 0	4562 8	6 2	3 6	20 7	342 2

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Well: Almagre Arroyo 30 # 1										Grid Conv.: 0.25		VS AZM: 140		
Location: Rio Arriba Co, New Mexico										Declination: 10.36		RKB - MSL:		
Rig: Patterson 754										Total Correction: 10.36		Tie Into:		
Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction (Quad)	Course Length (ft)	True Vert Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Wsk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
EMT	5471	22 20	334 50	N 25 5 W	89	5447 33	2 92	S	3 95	W 0 17	3 96	182 42	4 21	3 48 -6 74
EMT	5565	32 30	328 10	N 31 9 W	94	5530 81	-39 25	N	33 50	W 21 14	39 62	327 74	11 17	10 74 -6 81
EMT	5595	35 70	325 20	N 34 8 W	30	5555 68	-55 91	N	47 50	W 30 38	56 38	327 40	12 55	11 33 -9 67
EMT	5627	40 60	322 80	N 37 2 W	32	5580 84	-75 62	N	63 47	W 42 01	76 11	326 50	16 00	15 31 -7 50
EMT	5660	45 00	321 00	N 39 0 W	33	5605 05	-98 03	N	81 10	W 55 85	98 47	325 45	13 84	13 33 -5 45
EMT	5691	48 30	321 90	N 38 1 W	31	5626 32	-120 56	N	98 73	W 69 89	120 96	324 70	10 85	10 65 -2 90
EMT	5721	51 60	320 00	N 40 0 W	30	5645 63	-143 51	N	116 55	W 84 36	143 88	324 10	12 02	11 00 -6 33
EMT	5753	54 80	318 40	N 41 6 W	32	5664 79	-169 13	N	135 94	W 101 11	169 42	323 36	10 77	10 00 -5 00
EMT	5784	59 30	319 90	N 40 1 W	31	5681 65	-195 13	N	155 62	W 118 11	195 37	322 80	15 07	14 52 -4 84
EMT	5817	66 40	321 00	N 39 0 W	33	5696 70	-224 48	N	178 25	W 136 79	224 69	322 50	21 72	21 52 -3 33
EMT	5848	73 10	322 60	N 37 4 W	31	5707 42	-253 53	N	201 10	W 154 76	253 75	322 42	22 15	21 61 -5 16
EMT	5882	73 80	322 80	N 37 2 W	34	5717 11	-286 08	N	227 02	W 174 51	286 34	322 45	2 13	2 06 -5 09
EMT	5914	72 90	322 40	N 37 6 W	32	5726 28	-316 71	N	251 38	W 193 13	317 00	322 47	3 06	-2 81 -1 25
EMT	5947	71 40	322 40	N 37 6 W	33	5736 39	-348 09	N	276 27	W 212 29	348 41	322 46	4 55	-4 56 -0 00
EMT	5980	71 00	322 00	N 38 0 W	33	5747 03	-379 31	N	300 95	W 231 44	379 65	322 44	1 67	-1 21 -1 21
EMT	6012	71 20	322 00	N 38 0 W	32	5757 39	-409 56	N	324 81	W 250 08	409 93	322 41	0 62	0 63 -0 00
EMT	6043	73 10	321 50	N 38 5 W	31	5766 90	-439 06	N	347 98	W 268 35	439 43	322 36	6 32	6 13 -1 61
EMT	6075	74 00	321 20	N 38 8 W	32	5775 96	-469 74	N	371 95	W 287 52	470 12	322 30	2 95	2 81 -0 94
EMT	6106	74 10	321 40	N 38 6 W	31	5784 48	-499 54	N	395 21	W 306 15	499 92	322 24	0 70	0 32 -0 85
EMT	6140	74 40	321 10	N 38 9 W	34	5793 70	-532 25	N	420 73	W 326 63	532 64	322 18	1 22	0 88 -0 88
EMT	6172	74 50	320 30	N 39 7 W	32	5802 28	-563 08	N	444 58	W 346 16	563 46	322 10	2 43	0 31 -2 50
EMT	6203	71 80	319 70	N 40 3 W	31	5811 27	-592 75	N	467 31	W 365 23	593 10	321 99	8 90	-8 71 -1 94
EMT	6235	70 50	320 30	N 39 7 W	32	5821 61	-623 03	N	490 51	W 384 70	623 37	321 89	4 43	-4 06 -1 88
EMT	6266	69 50	320 30	N 39 7 W	31	5832 21	-652 16	N	512 92	W 403 30	652 49	321 82	3 23	-3 23 -0 00
EMT	6297	69 10	319 90	N 40 1 W	31	5843 17	-681 16	N	535 17	W 421 90	681 47	321 75	1 77	-1 29 -1 29
EMT	6328	71 40	319 20	N 40 8 W	31	5853 64	-710 33	N	557 37	W 440 83	710 63	321 66	7 72	7 42 -2 26
EMT	6360	72 20	318 60	N 41 4 W	32	5863 64	-740 72	N	580 27	W 460 82	740 99	321 55	3 07	2 60 -1 87
EMT	6391	73 00	317 50	N 42 5 W	31	5872 91	-770 29	N	602 27	W 480 59	770 52	321 41	4 26	2 58 -3 55
EMT	6423	73 70	316 00	N 44 0 W	32	5882 08	-800 89	N	624 60	W 501 60	801 08	321 23	5 00	2 19 -4 89
EMT	6455	74 20	316 50	N 43 5 W	32	5890 92	-831 58	N	646 82	W 522 86	831 72	321 05	2 17	1 66 -1 56
EMT	6487	73 00	317 00	N 43 0 W	32	5899 96	-862 23	N	669 18	W 543 90	862 33	320 90	4 04	-3 75 -1 66
EMT	6519	72 2	316 50	N 43 5 W	32	5909 53	-892 71	N	691 42	W 564 82	892 79	320 75	2 91	-2 50 -1 56
EMT	6549	72 40	316 30	N 43 7 W	30	5918 65	-921 24	N	712 11	W 584 53	921 29	320 62	0 92	0 67 -0 67
EMT	6582	72 10	315 50	N 44 5 W	33	5928 71	-952 59	N	734 68	W 606 40	952 62	320 46	2 48	-0 91 -2 42
EMT	6614	72 40	316 20	N 43 8 W	32	5938 47	-982 98	N	756 55	W 627 63	983 00	320 32	2 28	0 94 -2 19
EMT	6644	72 80	315 50	N 44 5 W	30	5947 44	-1011 54	N	777 09	W 647 57	1011 54	320 19	2 60	1 33 -0 33
EMT	6675	75 30	315 20	N 44 8 W	31	5955 95	-1041 24	N	798 30	W 668 51	1041 24	320 06	8 12	8 06 -2 97
EMT	6712	78 10	313 90	N 46 1 W	37	5964 47	-1077 08	N	823 55	W 694 17	1077 08	319 87	8 30	7 57 -3 51
EMT	6740	80 70	313 90	N 46 1 W	28	5969 62	-1104 45	N	842 63	W 714 00	1104 46	319 72	9 29	9 29 -0 00
EMT	6771	82 80	313 10	N 46 9 W	31	5974 06	-1134 93	N	863 75	W 736 25	1134 96	319 56	7 24	6 77 -3 58
EMT	6802	83 30	313 00	N 47 0 W	31	5977 82	-1165 47	N	884 76	W 758 74	1165 54	319 38	1 64	1 61 -3 02
EMT	6834	83 80	312 50	N 47 5 W	32	5981 41	-1197 01	N	906 34	W 782 09	1197 13	319 21	2 20	1 56 -3 56
OVS VD= 9927 65 TAR LAT= 2082 00 TAR TVD= 9915 00 EOC TVD= 9915 00														
EOC INC= 91 37 TAR DEP= -717 00 TAR VS= 529 00 EOC VS= 529 00														
COME INTO TARGET +HI/-LO= 0 00 Sensor to TD= 46 00														
Horizontal / Build & Hold Wells Positioning Only														
	BRN	+RT/LT	AZM>TAR	HD>TAR	+HI/LO	INC>TAR	BUR	INC@TD	AZM@TD					
EMT	0 8	2 7	341 0	2205 7	4480 2	6 7	3 5	23 8	331 4					
EMT	0 6	-5 3	341 2	2163 5	4397 8	7 4	10 7	37 2	325 0					
EMT	0 5	-7 3	341 4	2147 2	4373 3	7 6	11 3	40 9	320 8					
EMT	0 5	-8 6	341 5	2128 4	4348 6	7 9	15 3	47 6	319 4					
EMT	0 4	-9 3	341 7	2107 3	4324 9	8 3	13 3	51 1	318 5					
EMT	0 3	-9 9	341 9	2086 2	4304 2	8 6	10 6	53 2	323 2					
EMT	0 3	-10 3	342 2	2064 8	4285 5	9 0	11 0	56 7	317 1					
EMT	0 2	-9 9	342 4	2041 2	4266 9	9 3	10 0	59 4	316 1					
EMT	0 2	-9 5	342 7	2017 3	4250 7	9 7	14 5	66 0	322 1					
EMT	0 1	-9 8	343 1	1990 2	4236 3	10 1	21 5	76 3	322 5					
EMT	0 1	-10 7	343 4	1963 1	4226 3	10 5	21 6	83 0	325 0					
EMT	0 1	-12 2	343 7	1932 7	4217 4	11 0	2 1	74 7	323 1					
EMT	0 1	-13 6	344 0	1904 1	4208 9	11 4	-2 8	71 6	321 8					
EMT	0 1	-15 0	344 4	1874 9	4196 9	11 9	-4 5	69 3	322 4					
EMT	0 1	-16 2	344 8	1846 1	4189 7	12 3	-1 2	70 4	321 4					
EMT	0 1	-17 2	345 1	1818 2	4180 1	12 7	0 6	71 5	322 0					
EMT	0 1	-18 1	345 5	1791 1	4171 3	13 1	6 1	75 9	320 8					
EMT	0 1	-18 8	345 9	1763 2	4162 9	13 6	2 8	75 3	320 8					
EMT	0 1	-19 5	346 3	1736 1	4155 1	14 0	0 3	74 2	321 7					
EMT	0 1	-20 2	346 8	1706 5	4146 7	14 4	0 9	74 8	320 7					
EMT	0 1	-20 6	347 2	1678 9	4138 8	14 9	0 3	74 6	319 2					
EMT	0 1	-20 6	347 7	1652 6	4130 6	15 3	-8 7	67 8	318 8					
EMT	0 1	-20 6	348 2	1625 8	4120 9	15 7	-4 1	68 6	321 2					
EMT	0 1	-20 8	348 7	1600 1	4111 0	16 1	-3 2	68 0	320 3					
EMT	0 1	-20 8	349 2	1574 7	4100 8	16 6	-1 3	68 5	319 3					
EMT	0 1	-20 6	349 7	1549 4	4098 6	17 0	7 4	74 8	318 2					
EMT	0 1	-20 0	350 3	1523 4	4081 7	17 4	2 5	73 4	317 7					
EMT	0 1	-19 0	350 9	1498 5	4073 2	17 8	2 6	74 2	315 9					
EMT	0 1	-17 2	351 6	1473 2	4064 7	18 3	2 2	74 7	313 8					
EMT	0 1	-15 2	352 3	1448 3	4056 6	18 7	1 6	74 9	317 2					
EMT	0 1	-13 5	353 0	1423 4	4048 3	19 1	-3 7	71 3	317 7					
EMT	0 1	-11 8	353 8	1398 9	4039 5	19 5	-2 5	71 1	315 8					
EMT	0 1	-10 0	354 5	1376 3	4031 0	19 9	0 7	72 7	316 0					
EMT	0 1	-7 7	355 3	1351 8	4021 7	20 4	-0 9	71 7	314 4					
EMT	0 1	-5 5	356 1	1328 5	4012 7	20 8	0 9	72 8	317 2					
EMT	0 1	-3 4	357 0	1306 8	4004 4	21 2	1 3	73 4	314 4					
EMT	0 0	-1 0	357 8	1284 6	3996 6	21 6	8 1	79 0	314 8					
EMT	0 0	2 4	359 0	1258 7	3988 9	22 1	7 6	81 6	312 3					
EMT	0 0	5 3	359 9	1239 4	3984 4	22 5	9 3	85 0	313 9					
EMT	0 0	8 8	0 9	1218 4	3980 7	22 9	6 8	85 9	311 9					
EMT	0 0	12 5	2 0	1198 0	3977 7	23 1	-0 3	84 0	312 9					
EMT	0 0	16 5	3 2	1177 5	3974 9	23 7	1 6	84 5	311 8					

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Location: Rio Arriba Co, New Mexico	Declination: 10.36	RKB - MSL:
Rig: Patterson 754	Total Correction: 10.36	Tie into:

															OVS VD= 9927.65		TAR LAT= 2082.00		TAR TWD= 9915.00		EOC TWD= 9915.00			
															EOC INC= 91.37		TAR DEP= -717.00		TAR VSS= 529.00		EOC VSS= 529.00			
															COME INTO TARGET +HI/-LO= 0.00		Sensor to TD= 46.00							
															Horizontal / Build & Hold Wells Positioning Only									
															BRN	+RT/-LT	AZM>TAR	HD>TAR	+HI/-LO	INC>TAR	BUR	INC@TD	AZM@TD	
EMT	6867	84.60	311.30	N 48.7 W	33	5984.75	-1229.52	N 928.26	W 806.53	1229.70	319.01	4.35	2.42	-3.64	0.0	21.2	4.4	1157.2	3972.3	24.1	2.4	85.7	309.6	
EMT	6900	85.50	310.80	N 49.2 W	33	5987.59	-1261.99	N 949.85	W 831.32	1262.27	318.81	3.12	2.73	-1.52	0.0	26.3	5.8	1137.9	3970.2	24.5	2.7	86.8	310.1	
EMT	6931	85.10	310.60	N 49.4 W	31	5990.13	-1292.48	N 970.00	W 854.74	1292.86	318.61	1.44	-1.29	-0.65	0.0	31.3	7.1	1120.5	3968.4	24.9	-1.3	84.5	310.3	
EMT	6963	84.40	310.20	N 49.8 W	32	5993.06	-1323.90	N 990.65	W 879.01	1324.41	318.42	2.52	-2.19	-1.25	0.0	36.6	8.4	1103.3	3966.3	25.3	-2.2	83.4	309.6	
EMT	6993	85.10	309.00	N 51.0 W	30	5995.81	-1353.28	N 1009.70	W 902.03	1353.94	318.22	4.62	-2.33	-4.00	0.0	42.0	9.8	1088.1	3964.2	25.7	2.3	86.2	307.2	
Bit	7039	85.60	309.00	N 51.0 W	46	5999.54	-1398.29	N 1038.55	W 937.66	1399.21	317.92	1.09	1.09	0.00	0.0	50.7	11.9	1066.5	3961.6	26.2	1.1	86.1	309.0	