



PRODIRECTIONAL

**NM OIL CONSERVATION
ARTESIA DISTRICT**

APR 11 2018

RECEIVED



Janie Conner 13-24S-28E RB No. 203H

Eddy County, NM

30-015-43973

January 04, 2018

Job No. LNM5157817

ORIGINAL

Survey Completion Report



PRODIRECTIONAL

Survey Certification Letter

January 04, 2018

NM OIL CONSERVATION

ARTESIA DISTRICT

APR 11 2018

RECEIVED



Operator Name	Matador Resources
Well Name	Janie Conner 13-24S-28E RB No 203H
County/Parish	Eddy County,
State	NM
Rig Name	Patterson 274
Job Number	LNM5157817

This is to certify the surveys performed on the referenced well by Professional Directional Ent , Inc are true and correct
MWD Surveys, data provided as follows

<u>Surveyor</u>	<u>Surveyed Depths</u>	<u>Projection to Bit</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
ProDirectional	141' MD – 14,827' MD	14,897' MD	11/28/17 – 12/13/17	MWD-OWSG

Sincerely,

Mike Coats
Regulatory Specialist
Professional Directional

850 Conroe Park West Drive | Conroe, TX 77303 | Phone 936 441 7266

prodirectional.com

The Standard of Excellence in Directional Surveys



Matador Resources

**Eddy County, NM
Janie Conner 13-24S-28E RB
No. 203H
OH**

Survey: ProDirectional

Survey Report

04 January, 2018

**NM OIL CONSERVATION
ARTESIA DISTRICT**

APR 11 2018

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ProDirectional Survey Report



Company	Matador Resources	Local Co-ordinate Reference	Well No 203H
Project	Eddy County NM(NAD 83)	TVD Reference	Well @ 3002 00usft
Site	Janie Conner 13-24S-28E RB	MD Reference	Well @ 3002 00usft
Well	No 203H	North Reference	Gnd
Wellbore	OH	Survey Calculation Method	Minimum Curvature
Design	MWD-141-14827 Proj 14897	Database	WellPlanner1

Project	Eddy County NM(NAD 83)		
Map System	US State Plane 1983	System Datum	Mean Sea Level
Geo Datum	North American Datum 1983		
Map Zone	New Mexico Eastern Zone		

Site	Janie Conner 13-24S-28E RB		
Site Position	Northing	441 915 00 usft	Latitude 32° 12 52 500249 N
From Map	Easting	628 984 00 usft	Longitude 104 2 59 749015 W
Position Uncertainty 0 00 usft	Slot Radius	13-3/16 "	Grid Convergence 0 15 °

Well	No 203H		
Well Position	+N/-S	0 00 usft	Northing 441 915 00 usft
	+E/-W	0 00 usft	Easting 628 984 00 usft
Position Uncertainty 0 00 usft			Wellhead Elevation usft
			Latitude 32 12 52 500249 N
			Longitude 104 2 59 749015 W
			Ground Level 2 974 00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	9/13/2017	7 23
			Dip Angle (°) 60 02
			Field Strength (nT) 48 081 00

Design	MWD-141-14827 Proj 14897		
Audit Notes			
Version 1 0	Phase	ACTUAL	Tie On Depth 0 00
Vertical Section	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0 00	0 00	0 00
			Direction (°) 90 34

Survey Program	Date 1/4/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
141 00	14 897 00	Survey #1 (OH)	MWD+HDGM	OWSG MWD + HRGM



ProDirectional
Survey Report



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Well	No 203H	North Reference	Grid
Wellbore	OH	Survey Calculation Method	Minimum Curvature
Design	MWD-141-14827 Proj 14897	Database	WellPlanner1

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	441 915 00	628 984 00
141 00	0 50	58 10	141 00	0 52	0 33	0 52	0 62	58 10	441 915 33	628 984 52
Pro MWD First Survey 141 MD										
325 00	1 70	300 50	324 97	-1 16	2 13	-1 15	2 42	331 73	441 917 13	628 982 85
511 00	2 80	280 50	510 83	-8 02	4 36	-7 99	9 11	298 63	441 919 36	628 976 01
600 00	2 60	282 40	599 73	-12 13	5 19	-12 10	13 17	293 22	441 920 19	628 971 90
786 00	2 60	314 30	785 55	-19 29	9 05	-19 24	21 26	295 18	441 924 05	628 964 76
879 00	2 90	336 60	878 44	-21 76	12 68	-21 69	25 12	300 31	441 927 68	628 962 31
1 069 00	5 40	44 80	1 068 03	-17 43	23 44	-17 29	29 13	323 58	441 938 44	628 966 71
1 165 00	5 60	58 60	1 163 59	-10 28	29 09	10 11	30 79	340 83	441 944 09	628 973 89
1 260 00	5 70	66 90	1 258 13	-2 01	33 35	-1 81	33 40	356 89	441 948 35	628 982 19
1 356 00	3 10	53 20	1 353 84	4 43	36 78	4 65	37 07	7 21	441 951 78	628 988 65
1 451 00	3 20	344 90	1 448 73	5 77	40 88	6 02	41 32	8 37	441 955 88	628 990 02
1 546 00	4 80	336 40	1 543 49	3 46	47 08	3 73	47 23	4 54	441 962 08	628 987 73
1 642 00	4 40	1 90	1 639 19	1 93	54 44	2 25	54 49	2 37	441 969 44	628 986 25
1 737 00	5 40	11 20	1 733 85	2 87	62 47	3 24	62 55	2 97	441 977 47	628 987 24
1 832 00	6 00	6 90	1 828 38	4 28	71 78	4 70	71 94	3 75	441 986 78	628 988 70
1 927 00	5 00	8 40	1 922 94	5 42	80 81	5 90	81 02	4 18	441 995 81	628 989 90
2 022 00	4 00	17 00	2 017 64	6 95	88 07	7 48	88 39	4 85	442 003 07	628 991 48
2 117 00	4 10	19 60	2 112 41	9 02	94 44	9 59	94 93	5 80	442 009 44	628 993 59
2 213 00	5 50	7 90	2 208 07	10 76	102 23	11 37	102 86	6 35	442 017 23	628 995 37
2 308 00	5 30	13 00	2 302 65	12 32	111 02	12 98	111 77	6 67	442 026 02	628 996 98
2 403 00	4 60	31 60	2 397 30	15 26	118 54	15 97	119 61	7 67	442 033 54	628 999 97
2 498 00	4 90	21 20	2 491 98	18 68	125 56	19 43	127 06	8 80	442 040 56	629 003 43
2 593 00	6 20	356 70	2 586 54	19 80	134 47	20 60	136 04	8 71	442 049 47	629 004 60
2 688 00	6 90	349 40	2 680 92	18 39	145 20	19 26	146 47	7 55	442 060 20	629 003 26
2 879 00	6 80	353 40	2 870 56	14 85	167 71	15 85	168 46	5 40	442 082 71	628 999 85



ProDirectional
Survey Report



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Well	No 203H	North Reference	Grid
Wellbore	OH	Survey Calculation Method	Minimum Curvature
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Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
2 975 00	7 90	357 80	2 965 77	13 87	179 95	14 94	180 57	4 75	442 094 95	628 998 94
3 070 00	9 40	4 80	3 059 69	14 18	194 21	15 34	194 81	4 52	442 109 21	628 999 34
3 166 00	10 90	2 80	3 154 19	15 18	211 08	16 44	211 72	4 45	442 126 08	629 000 44
3 261 00	13 70	1 20	3 247 00	15 74	231 31	17 11	231 94	4 23	442 146 31	629 001 11
3 356 00	15 20	0 50	3 338 99	15 94	255 01	17 46	255 61	3 92	442 170 01	629 001 46
3 451 00	15 30	0 10	3 430 64	15 92	280 00	17 59	280 55	3 59	442 195 00	629 001 59
3 546 00	14 20	359 30	3 522 51	15 66	304 18	17 47	304 68	3 29	442 219 18	629 001 47
3 642 00	15 60	1 70	3 615 28	15 75	328 86	17 71	329 34	3 08	442 243 86	629 001 71
3 737 00	16 00	1 30	3 706 69	16 28	354 72	18 38	355 19	2 97	442 269 72	629 002 38
3 832 00	15 80	1 20	3 798 06	16 69	380 74	18 95	381 21	2 85	442 295 74	629 002 95
4 023 00	15 60	1 20	3 981 93	17 46	432 41	20 03	432 87	2 65	442 347 41	629 004 03
4 214 00	14 10	358 40	4 166 55	17 06	481 35	19 92	481 76	2 37	442 396 35	629 003 92
4 404 00	13 40	357 90	4 351 10	15 34	526 48	18 47	526 81	2 01	442 441 48	629 002 47
4 595 00	13 70	358 70	4 536 79	13 75	571 21	17 14	571 47	1 72	442 486 21	629 001 14
4 786 00	12 90	359 00	4 722 66	12 61	615 14	16 26	615 36	1 51	442 530 14	629 000 26
4 977 00	12 10	359 60	4 909 13	11 85	656 48	15 75	656 67	1 37	442 571 48	628 999 75
5 167 00	9 70	357 10	5 095 69	10 69	692 38	14 80	692 54	1 22	442 607 38	628 998 80
5 357 00	8 40	358 20	5 283 32	9 26	722 24	13 55	722 37	1 07	442 637 24	628 997 55
5 548 00	5 80	5 20	5 472 85	9 56	745 80	13 99	745 93	1 07	442 660 80	628 997 99
5 738 00	3 80	19 30	5 662 18	12 42	761 31	16 94	761 50	1 27	442 676 31	629 000 94
5 929 00	2 60	29 00	5 852 88	16 55	771 07	21 13	771 36	1 57	442 686 07	629 005 13
6 120 00	2 10	25 50	6 043 72	20 12	778 02	24 74	778 41	1 82	442 693 02	629 008 74
6 310 00	0 50	81 20	6 233 66	22 42	781 29	27 06	781 75	1 98	442 696 29	629 011 06
6 501 00	0 30	220 80	6 424 66	22 92	781 04	27 55	781 52	2 02	442 696 04	629 011 55
6 691 00	1 10	300 60	6 614 65	21 02	781 59	25 66	782 01	1 88	442 696 59	629 009 66
6 882 00	2 30	299 20	6 805 56	16 08	784 39	20 73	784 66	1 51	442 699 39	629 004 73
7 073 00	3 10	301 60	6 996 35	8 31	788 97	12 99	789 07	0 94	442 703 97	628 996 99



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Well	No 203H	North Reference	Gnd
Wellbore	OH	Survey Calculation Method	Minimum Curvature
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Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
7 264 00	2 20	275 10	7 187 15	0 24	792 00	4 94	792 01	0 36	442 707 00	628 988 94
7 453 00	1 90	257 80	7 376 03	-6 43	791 66	-1 74	791 66	359 87	442 706 66	628 982 26
7 643 00	1 80	245 70	7 565 93	-12 22	789 77	-7 54	789 80	359 45	442 704 77	628 976 46
7 832 00	3 80	127 90	7 754 79	-9 95	784 69	-5 30	784 71	359 61	442 699 69	628 978 70
8 023 00	4 10	141 80	7 945 34	-0 68	775 44	3 92	775 45	0 29	442 690 44	628 987 92
8 213 00	2 80	145 80	8 134 99	6 18	766 26	10 73	766 34	0 80	442 681 26	628 994 73
8 401 00	1 40	211 10	8 322 89	7 61	760 50	12 12	760 59	0 91	442 675 50	628 996 12
8 592 00	1 60	213 00	8 513 82	4 98	756 26	9 47	756 32	0 72	442 671 26	628 993 47
8 783 00	1 50	190 40	8 704 75	3 10	751 57	7 56	751 61	0 58	442 666 57	628 991 56
8 974 00	1 70	172 20	8 895 68	3 07	746 30	7 50	746 34	0 58	442 661 30	628 991 50
9 164 00	2 00	167 40	9 085 58	4 21	740 27	8 60	740 32	0 67	442 655 27	628 992 60
9 260 00	1 60	173 60	9 181 53	4 74	737 31	9 12	737 36	0 71	442 652 31	628 993 12
9 360 00	3 30	99 90	9 281 46	7 74	735 43	12 11	735 52	0 94	442 650 43	628 996 11
9 392 00	7 20	85 50	9 313 32	10 65	735 42	15 02	735 58	1 17	442 650 42	628 999 02
9 423 00	10 60	82 10	9 343 94	15 41	735 97	19 78	736 23	1 54	442 650 97	629 003 78
9 455 00	12 70	80 70	9 375 28	21 79	736 94	26 17	737 41	2 03	442 651 94	629 010 17
9 487 00	15 50	80 90	9 406 31	29 48	738 19	33 86	738 96	2 63	442 653 19	629 017 86
9 519 00	18 20	80 00	9 436 93	38 62	739 73	43 01	740 98	3 33	442 654 73	629 027 01
9 551 00	21 20	79 50	9 467 06	49 22	741 65	53 62	743 59	4 14	442 656 65	629 037 62
9 583 00	24 00	79 60	9 496 60	61 30	743 88	65 71	746 78	5 05	442 658 88	629 049 71
9 615 00	26 90	79 30	9 525 49	74 80	746 40	79 23	750 60	6 06	442 661 40	629 063 23
9 647 00	29 70	79 50	9 553 66	89 69	749 19	94 14	755 08	7 16	442 664 19	629 078 14
9 678 00	33 00	80 60	9 580 13	105 56	751 97	110 02	759 98	8 32	442 666 97	629 094 02
9 710 00	35 60	81 30	9 606 57	123 35	754 80	127 83	765 55	9 61	442 669 80	629 111 83
9 742 00	37 70	82 60	9 632 24	142 24	757 47	146 74	771 56	10 96	442 672 47	629 130 74
9 774 00	42 10	84 60	9 656 78	162 62	759 74	167 13	777 91	12 41	442 674 74	629 151 13
9 806 00	45 60	85 50	9 679 86	184 69	761 65	189 22	784 80	13 95	442 676 65	629 173 22



ProDirectional
Survey Report



Company	Matador Resources	Local Co-ordinate Reference	Well No 203H
Project	Eddy County NM(NAD 83)	TVD Reference	Well @ 3002 00usft
Site	Janie Conner 13-24S-28E RB	MD Reference	Well @ 3002 00usft
Well	No 203H	North Reference	Grid
Wellbore	OH	Survey Calculation Method	Minimum Curvature
Design	MWD-141-14827 Proj 14897	Database	WellPlanner1

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
9 838 00	49 90	85 70	9 701 37	208 30	763 47	212 83	792 58	15 58	442 678 47	629 196 83
9 869 00	54 40	86 40	9 720 38	232 70	765 15	237 24	801 08	17 23	442 680 15	629 221 24
9 901 00	57 80	88 30	9 738 23	259 22	766 37	263 77	810 49	18 99	442 681 37	629 247 77
9 933 00	60 20	89 10	9 754 71	286 63	766 99	291 19	820 40	20 79	442 681 99	629 275 19
9 964 00	61 80	90 10	9 769 74	313 74	767 17	318 30	830 58	22 53	442 682 17	629 302 30
9 996 00	63 50	90 60	9 784 44	342 16	767 00	346 72	841 73	24 33	442 682 00	629 330 72
10 028 00	65 90	91 60	9 798 12	371 09	766 44	375 64	853 55	26 11	442 681 44	629 359 64
10 060 00	68 40	92 30	9 810 54	400 56	765 44	405 11	866 03	27 89	442 680 44	629 389 11
10 091 00	70 60	93 30	9 821 40	429 57	764 02	434 11	878 73	29 61	442 679 02	629 418 11
10 123 00	73 10	93 60	9 831 36	459 93	762 19	464 46	892 55	31 36	442 677 19	629 448 46
10 155 00	75 60	93 80	9 840 00	490 69	760 20	495 21	907 27	33 08	442 675 20	629 479 21
10 244 00	84 20	88 70	9 855 60	578 19	758 34	582 70	956 36	37 54	442 673 34	629 566 70
10 307 00	91 80	84 60	9 857 80	640 96	762 02	645 49	998 67	40 27	442 677 02	629 629 49
10 401 00	93 10	86 30	9 853 78	734 53	769 47	739 11	1 066 94	43 85	442 684 47	629 723 11
10 495 00	93 60	88 60	9 848 28	828 24	773 65	832 85	1 136 73	47 11	442 688 65	629 816 85
10 590 00	88 90	90 90	9 846 21	923 18	774 06	927 79	1 208 29	50 16	442 689 06	629 911 79
10 684 00	87 30	91 40	9 849 33	1 017 12	772 17	1 021 72	1 280 69	52 92	442 687 17	630 005 72
10 778 00	86 40	92 00	9 854 49	1 110 95	769 39	1 115 53	1 355 13	55 41	442 684 39	630 099 53
10 872 00	86 30	92 50	9 860 48	1 204 70	765 71	1 209 27	1 431 31	57 66	442 680 71	630 193 27
10 966 00	85 20	92 30	9 867 44	1 298 38	761 78	1 302 92	1 509 28	59 69	442 676 78	630 286 92
11 060 00	85 10	92 50	9 875 39	1 391 98	757 86	1 396 51	1 588 89	61 51	442 672 86	630 380 51
11 154 00	86 30	89 80	9 882 44	1 485 70	755 98	1 490 21	1 671 00	63 10	442 670 98	630 474 21
11 249 00	88 50	89 40	9 886 75	1 580 59	756 64	1 585 11	1 756 44	64 48	442 671 64	630 569 11
11 343 00	87 60	88 20	9 889 95	1 674 50	758 61	1 679 03	1 842 45	65 69	442 673 61	630 663 03
11 437 00	89 20	89 30	9 892 57	1 768 42	760 66	1 772 96	1 929 25	66 78	442 675 66	630 756 96
11 530 00	89 20	89 30	9 893 87	1 861 40	761 80	1 865 95	2 015 46	67 79	442 676 80	630 849 95
11 624 00	89 10	88 80	9 895 27	1 955 36	763 35	1 959 93	2 103 33	68 72	442 678 35	630 943 93



ProDirectional
Survey Report



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Survey										
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11 718 00	88 90	88 70	9 896 91	2 049 31	765 40	2 053 89	2 191 87	69 56	442 680 40	631 037 89
11 812 00	90 50	88 60	9 897 40	2 143 27	767 62	2 147 86	2 280 91	70 33	442 682 62	631 131 86
11 906 00	91 70	89 20	9 895 59	2 237 22	769 42	2 241 82	2 370 18	71 06	442 684 42	631 225 82
12 000 00	91 00	90 50	9 893 38	2 331 18	769 67	2 335 79	2 459 33	71 76	442 684 67	631 319 79
12 094 00	90 20	91 00	9 892 40	2 425 18	768 44	2 429 78	2 548 40	72 45	442 683 44	631 413 78
12 189 00	88 30	91 70	9 893 64	2 520 15	766 20	2 524 74	2 638 44	73 12	442 681 20	631 508 74
12 283 00	88 60	91 40	9 896 18	2 614 09	763 66	2 618 67	2 727 75	73 74	442 678 66	631 602 67
12 377 00	88 90	91 20	9 898 23	2 708 06	761 53	2 712 62	2 817 49	74 32	442 676 53	631 696 62
12 472 00	86 80	92 10	9 901 80	2 802 96	758 79	2 807 51	2 908 24	74 88	442 673 79	631 791 51
12 566 00	85 80	91 20	9 907 86	2 896 74	756 09	2 901 27	2 998 18	75 39	442 671 09	631 885 27
12 661 00	84 80	90 10	9 915 65	2 991 41	755 02	2 995 95	3 089 62	75 86	442 670 02	631 979 95
12 755 00	85 70	88 40	9 923 43	3 085 07	756 24	3 089 61	3 180 82	76 25	442 671 24	632 073 61
12 849 00	88 90	89 30	9 927 86	3 178 92	758 13	3 183 47	3 272 50	76 60	442 673 13	632 167 47
12 944 00	89 20	90 20	9 929 43	3 273 90	758 54	3 278 46	3 365 07	76 97	442 673 54	632 262 46
13 038 00	89 80	88 80	9 930 25	3 367 88	759 36	3 372 45	3 456 88	77 31	442 674 36	632 356 45
13 132 00	90 50	90 50	9 930 01	3 461 87	759 94	3 466 44	3 548 76	77 63	442 674 94	632 450 44
13 226 00	89 80	89 30	9 929 76	3 555 87	760 10	3 560 44	3 640 67	77 95	442 675 10	632 544 44
13 320 00	90 20	88 40	9 929 76	3 649 83	761 99	3 654 42	3 733 02	78 22	442 676 99	632 638 42
13 415 00	91 30	87 30	9 928 52	3 744 73	765 55	3 749 34	3 826 70	78 46	442 680 55	632 733 34
13 509 00	91 10	86 80	9 926 55	3 838 56	770 39	3 843 20	3 919 65	78 67	442 685 39	632 827 20
13 604 00	91 30	88 40	9 924 56	3 933 42	774 36	3 938 09	4 013 50	78 88	442 689 36	632 922 09
13 698 00	89 80	91 10	9 923 66	4 027 40	774 77	4 032 07	4 105 84	79 12	442 689 77	633 016 07
13 792 00	89 30	91 00	9 924 40	4 121 39	773 05	4 126 05	4 197 85	79 39	442 688 05	633 110 05
13 886 00	88 80	95 80	9 925 96	4 215 22	767 48	4 219 85	4 289 07	79 69	442 682 48	633 203 85
13 980 00	87 10	96 60	9 929 32	4 308 66	757 34	4 313 23	4 379 22	80 04	442 672 34	633 297 23
14 074 00	88 40	94 40	9 933 01	4 402 20	748 33	4 406 72	4 469 81	80 36	442 663 33	633 390 72
14 169 00	85 70	87 80	9 937 90	4 497 01	746 51	4 501 52	4 562 99	80 58	442 661 51	633 485 52



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Wellbore	OH	Survey Calculation Method	Minimum Curvature
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Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
14 263 00	87 80	87 00	9 943 23	4 590 73	750 77	4 595 26	4 656 19	80 72	442 665 77	633 579 26
14 357 00	89 10	84 30	9 945 77	4 684 37	757 89	4 688 95	4 749 80	80 82	442 672 89	633 672 95
14 451 00	89 60	83 30	9 946 84	4 777 75	768 04	4 782 39	4 843 67	80 88	442 683 04	633 766 39
14 545 00	90 20	86 50	9 947 01	4 871 31	776 40	4 876 00	4 937 43	80 95	442 691 40	633 860 00
14 639 00	89 60	87 10	9 947 17	4 965 13	781 65	4 969 86	5 030 95	81 06	442 696 65	633 953 86
14 734 00	89 20	86 20	9 948 16	5 059 93	787 20	5 064 69	5 125 50	81 17	442 702 20	634 048 69
14 827 00	89 40	86 50	9 949 30	5 152 69	793 12	5 157 49	5 218 12	81 26	442 708 12	634 141 49
Last Survey 14827 MD										
14 897 00	89 40	86 50	9 950 03	5 222 53	797 39	5 227 36	5 287 83	81 33	442 712 39	634 211 36
PTB 14897 MD										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
141 00	141 00	0 33	0 52	Pro MWD First Survey 141 MD
14 827 00	9 949 30	793 12	5 157 49	Last Survey 14827 MD
14 897 00	9 950 03	797 39	5 227 36	PTB 14897 MD