

ΔT Well No. 55-7

Property-Project Animas (33007) New Mexico Depth Logged _____

Map _____ Scale _____ Date: Drilled _____ Logged 4/3/85

State N.M. County Hidalgo, _____ of _____ of _____ of Sec _____ T _____ R _____

Instrument Spofford #109 Operator H.D. Pilkington Elevation _____ (ft/m)
Notes - H.D. Olson

Comments _____

JUSTIFY

Date Logged

Proj No	Well No	DA	MO	YR	*
1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19 20				C M

*19-Write F if Fahrenheit, 20-Write F if Feet

Card A

Site Description																																								Operator					Editor					DA					MO					YR				
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100	101 102 103 104 105 106 107 108 109 110	111 112 113 114 115 116 117 118 119 120	121 122 123 124 125 126 127 128 129 130	131 132 133 134 135 136 137 138 139 140	141 142 143 144 145 146 147 148 149 150	151 152 153 154 155 156 157 158 159 160	161 162 163 164 165 166 167 168 169 170	171 172 173 174 175 176 177 178 179 180	181 182 183 184 185 186 187 188 189 190	191 192 193 194 195 196 197 198 199 200																																															

(Approx. location, water well?, oil test?, etc.)

Map Location * *

Scale Unit IN CM

Map Size (75, 15, 60)

N Lat Degree Min Degree Min **

W Long Degree Min **

Use decimals

Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)

Card B

Northing										Easting										Elev									
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80	81 82 83 84 85 86 87 88 89 90	91 92 93 94 95 96 97 98 99 100	101 102 103 104 105 106 107 108 109 110	111 112 113 114 115 116 117 118 119 120	121 122 123 124 125 126 127 128 129 130	131 132 133 134 135 136 137 138 139 140	141 142 143 144 145 146 147 148 149 150	151 152 153 154 155 156 157 158 159 160	161 162 163 164 165 166 167 168 169 170	171 172 173 174 175 176 177 178 179 180	181 182 183 184 185 186 187 188 189 190	191 192 193 194 195 196 197 198 199 200												

Use decimals

Write M if meters

Segment 1 = Depths

Start	End	Conductivity K	ΔK
21 22 23 24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50	

Best cond. (-K)
Downward extrapolations (-ΔK)

Segment 2

51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70	71 72 73 74 75 76 77 78 79 80
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Segment 3

Segment 4

Segment 5

Segment 6

Segment 7

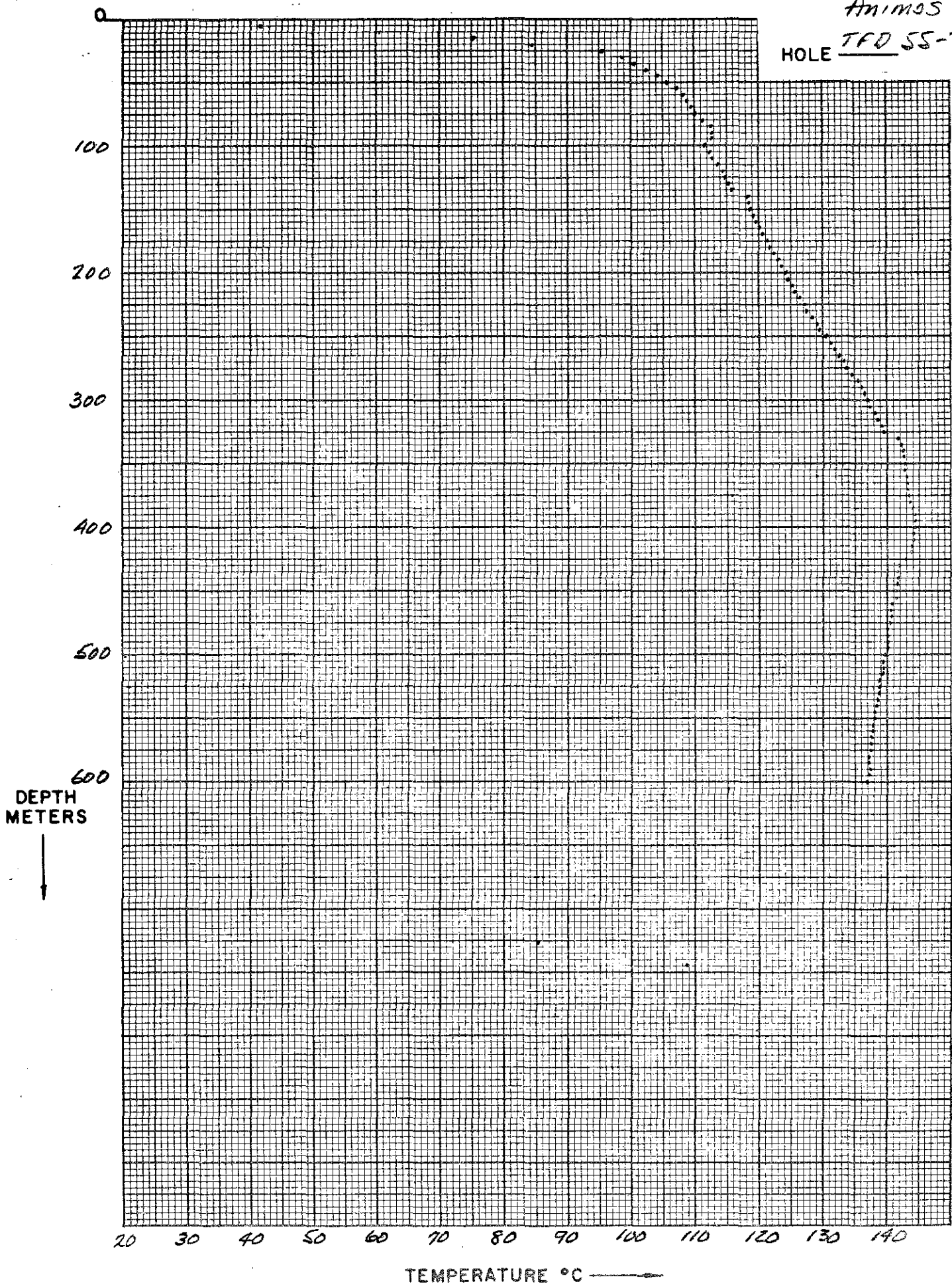
Segment 8

Segment 9

Segment 10

After final segment Start = .999

Animas
HOLE TFD 55-7



Animes

TFD

Date Logged: 3 April 1985

ΔT Well No. 55-7

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
0	123.03	13.75					12303 obs 13.75
5	43.97	41.5	27.75	5550			
10	21.58	60.72	19.22	3844			
15	12.94	75.3	14.58	2916			
20	9.5	84.6	9.30	1860			
25	6.73	95.5	10.90	2180			
30	6.09	98.77	3.27	654			
35	5.74	100.54	1.77	354			
40	5.44	102.54	2.00	400			
45	5.17	104.26	1.72	344			
50	4.95	105.76	1.50	300			
55	4.76	107.10	1.34	268			
60	4.62	108.14	1.04	208			
65	4.51	108.98	.84	168			
70	4.43	109.61	.63	126			
75	4.38	110.01	.40	80			
80	4.22	111.32	1.31	262			
85	4.07	112.61	1.29	258			
90	4.05	112.79	.18	36			
95	4.09	112.44	-.35	-70			
100	4.19	111.58	-.86	-172			
105	4.10	112.35	.77	154			
110	4.03	112.96	.61	122			
115	3.94	113.78	.82	164			
120	3.87	114.42	.64	128			
125	3.83	114.80	.38	76			
130	3.79	115.18	.38	76			

K=Conductivity

Date Logged: 4/3/85ΔT Well No. Animas TFD 55-7

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
135	3.71	115.95	.77	154			
140	3.49	118.20	2.25	450			
145	3.47	118.41	.21	42			
150	3.44	118.73	.32	64			
155	3.40	119.17	.44	88			
160	3.36	119.61	.44	88			
165	3.32	120.05	.44	88			
170	3.28	120.51	.46	92			
175	3.22	121.20	.69	138			
180	3.17	121.79	.59	118			
185	3.12	122.39	.60	120			
190	3.07	123.00	.61	122			
195	3.02	123.63	.63	126			
200	2.98	124.14	.51	102			
205	2.93	124.79	.65	130			
210	2.90	125.19	.40	80			
215	2.85	125.86	.67	134			
220	2.80	126.54	.68	136			
225	2.76	127.10	.56	112			
230	2.72	127.68	.58	116			
235	2.67	128.41	.73	146			
240	2.62	129.15	.74	148			
245	2.58	129.76	.61	122			
250	2.53	130.54	.78	156			
255	2.49	131.18	.64	128			
260	2.44	131.99	.81	162			
265	2.40	132.66	.67	134			

K=Conductivity

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Date Logged: 4/3/85ΔT Well No. TFD 55-7

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
270	2.36	133.34	.68	136			
			.52	104			
275	2.33	133.86					
280	2.28	134.75	.89	178			
			.73	146			
285	2.24	135.48					
290	2.21	136.04	.56	112			
			.56	112			
295	2.18	136.60					
			.58	116			
300	2.15	137.18					
			.58	116			
305	2.12	137.76					
			.60	120			
310	2.09	138.36					
			.40	80			
315	2.07	138.76					
			.42	84			
320	2.05	139.18					
			.42	84			
325	2.03	139.60					
			2.38	476			
330	1.92	141.98					
			.22	44			
335	1.91	142.20					
			.46	92			
340	1.89	142.66					
			0	0			
345	1.89	142.66					
			.23	46			
350	1.88	142.89					
			0	0			
355	1.88	142.89					
			.23	46			
360	1.87	143.12					
			.23	46			
365	1.86	143.35					
			0	0			
370	1.86	143.35					
			.23	46			
375	1.85	143.58					
			.24	48			
380	1.84	143.82					
			.24	48			
385	1.83	144.06					
			.24	48			
390	1.82	144.30					
			0	0			
395	1.82	144.30					
			0	0			
400	1.82	144.30					

K=Conductivity

Date Logged: 4/3/85

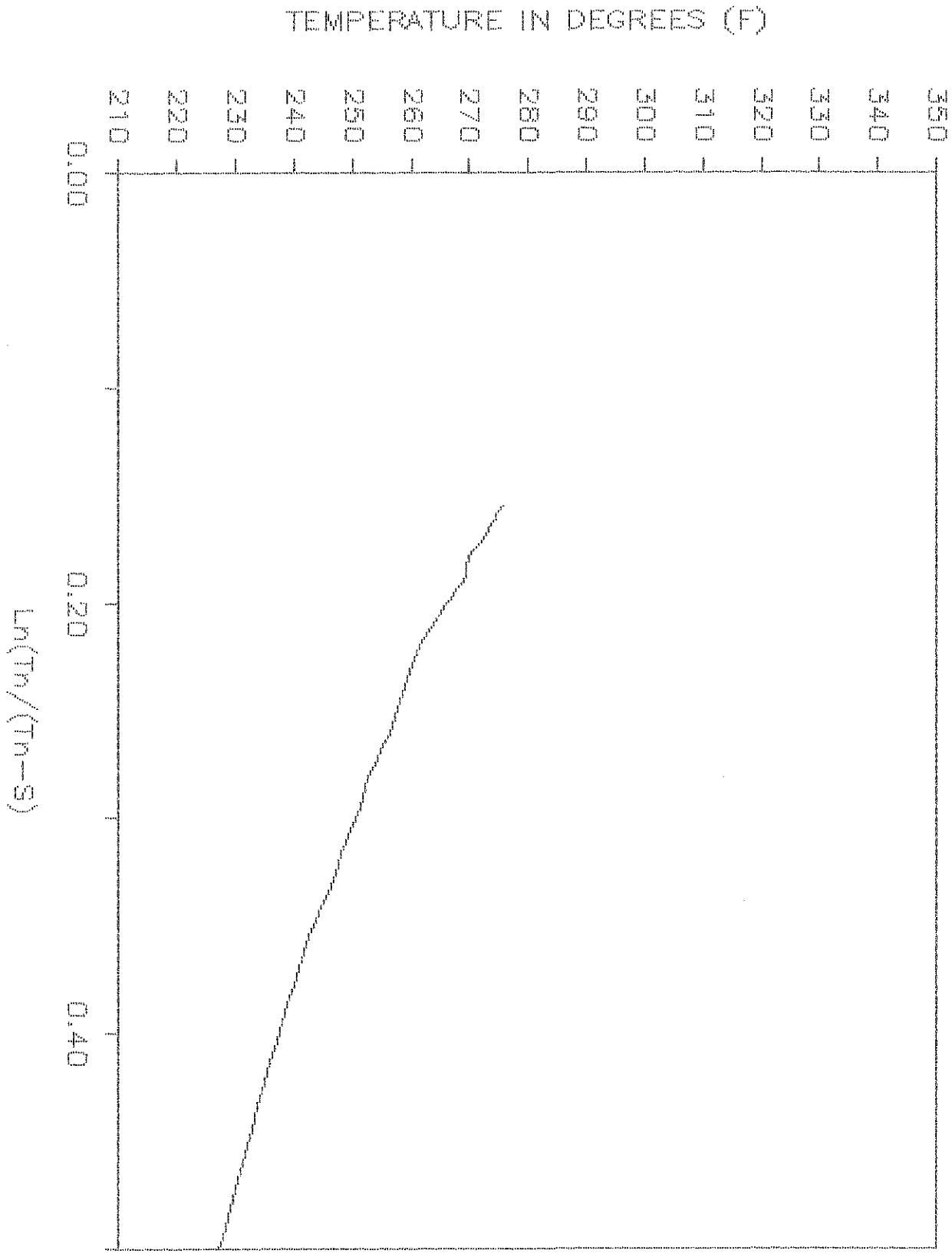
AT Well No. Animas TFD 55-7

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H ₂ O Air	Lithology, etc.
405	1.83	144.06	-.24	-48			
			0	0			
410	1.83	144.06					
415	1.84	143.82	-.24	-48			
			0	0			
420	1.84	143.82					
425	1.88	142.89	-.93	-186			
			-.91	-182			
430	1.92	141.98					
435	1.94	141.53	-.45	-90			
			.22	44			
440	1.93	141.75					
445	1.94	141.53	.22	-44			
			-.22	-44			
450	1.95	141.31					
			0	0			
455	1.95	141.31					
460	1.97	140.87	-.44	-88			
			-.43	-86			
465	1.99	140.44					
			.22	44			
470	1.98	140.66					
475	2.00	140.23	-.43	-86			
			-.22	-44			
480	2.01	140.01					
			0	0			
485	2.01	140.01					
			0	0			
490	2.01	140.01					
			0	0			
495	2.01	140.01					
			-.21	-42			
500	2.02	139.80					
			-.41	-82			
505	2.04	139.39					
			0	0			
510	2.04	139.39					
			-.21	-42			
515	2.05	139.18					
			-.21	-42			
520	2.06	138.97					
			0	0			
525	2.06	138.97					
			0	0			
530	2.06	138.97					
			-.20	-40			
535	2.07	138.77					

K=Conductivity

TIME - TEMP FOR ANIMAS 55-7

S = 267



TIME - TEMPERATURE FOR ANIMAS 55-7

