

AMAX EXPLORATION, INC.  
TEMPERATURE/DEPTH LOG

M-FL-21-19

ΔT Well No. 1191-56

Property-Project Fish LAKE (1191) 33021 Depth Logged 152.4m  
 Map DAVIS Mnt Scale 15' Date: Drilled 3/28/83 Logged 4/22/83  
 State NEV County ESMERALDA, of NW of NW of Sec 9 T 1 S R 36E  
 Instrument \_\_\_\_\_ Operator GEOTHERMEX Elevation 4,790 (ft m)  
 Comments MAGMA ΔT HOLE

JUSTIFY  
Card A

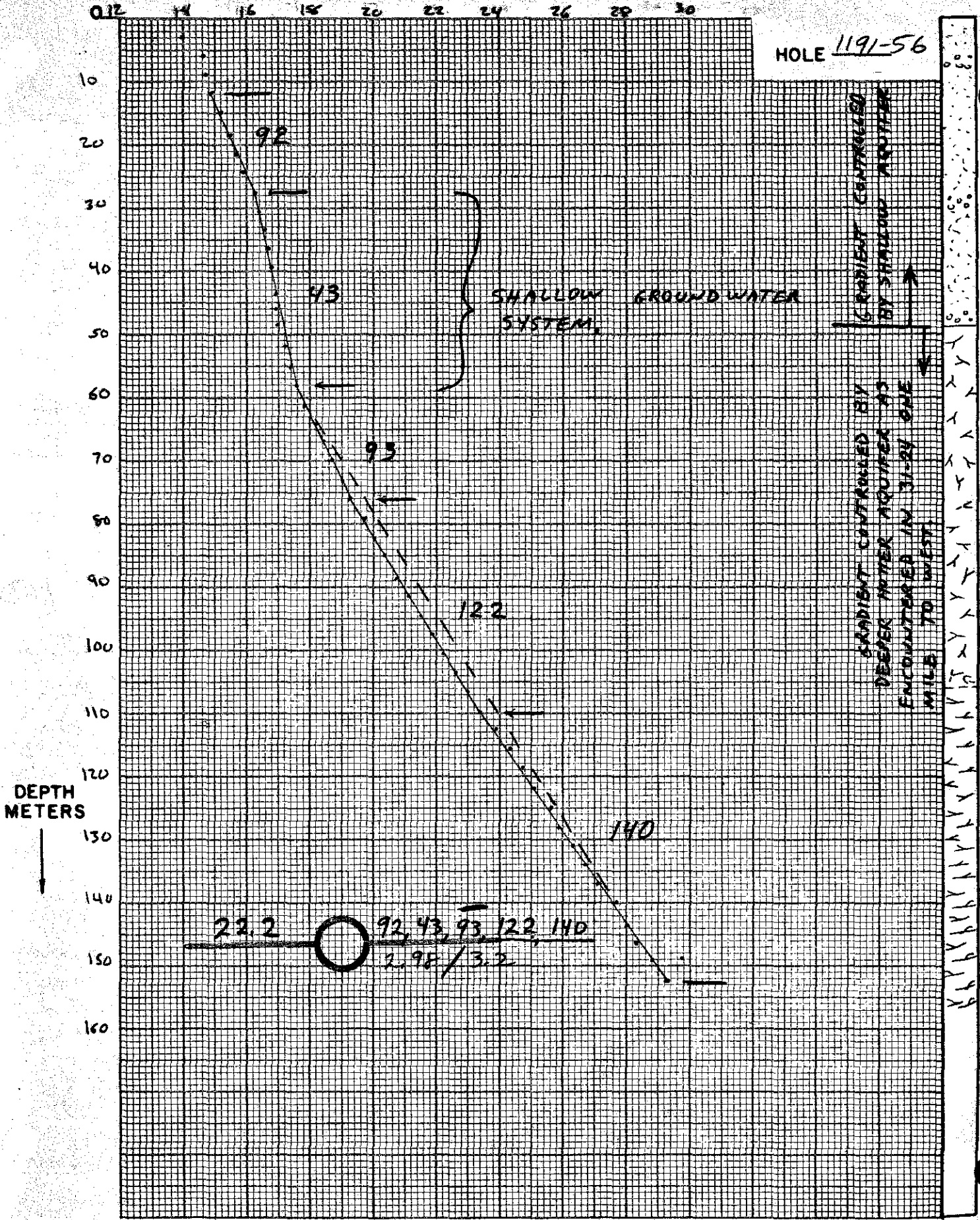
Date Logged																																																																				
Proj No	Well No					DA	MO	YR																																																												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	*19-Write F if Fahrenheit, 20-Write F if Feet																																																
1	1	9	1			5	6	2	2					4				8	3	C	M																																															
Site Description																																																		Operator					Editor					DA			MO			YR		
MAGMA GRADIENT WELL																																																		JONES					JED					28			3			83		

Card B

Scale Unit		Map Size			N Lat		W Long																																
IN	CM	(75, 15, 60)			Degree		Min		Degree		Min																												
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	Measure from SW corner of map; except AMS sheets measure from bottom center degree mark (W,-)(E,+)									
					1	5	.			3	7	.	4	5	.	1	1	8	.	1	5	.																	
Use decimals																																							
Northing										Easting										Elev																			
16.85										31.5										4790																			
Use decimals																				Write M if meters																			

Segment 1 = Depths										Conductivity										Best cond. (-K)																								
Start					End					K					ΔK					Downward extrapolations (-ΔK)																								
12.19					27.43																																							
Segment 2										Segment 3										Segment 4																								
Start					End					K					ΔK					Start					End					K					ΔK									
57.92					76.21					27.43					-3.2					-0.5					57.92					76.21					109.75									
Segment 5										Segment 6										Segment 7																								
Start					End					K					ΔK					Start					End					K					ΔK									
109.75					152.43																																							
Segment 8										Segment 9										Segment 10																								
Start					End					K					ΔK					Start					End					K					ΔK									
After final segment																																												
Start = .999																																												

HOLE 1191-56



22.2 92, 43, 93, 122, 140  
 2.98 / 3.2

Date Logged: 4/22/83

ΔT Well No. 1191-56

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
3.04		14					
6.09		14.6					
9.14		14.7					
< 12.19		14.9					
15.24		15.2					
18.29		15.5					
21.34		15.7					
24.39		15.9					
< 27.43		16.3					
30.48		16.4					
33.53		16.6					
36.58		16.7					
39.63		16.8					
43.68		16.9					
45.73		16.9					
48.78		17.0					
51.82		17.2					
54.87		17.4					
< 57.92		17.6					
60.97		17.8					
64.02		18.2					
67.07		18.4					
70.12		18.7					
73.17		19.0					
< 76.21		19.3					
79.26		19.7					
82.31		20.0					

K=Conductivity

M-F 21-19

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ΔT Well No. 1191-56

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Grad. °C/km	K (Est.)	H <sub>2</sub> O Air	Lithology, etc.
85.36		20.3					
88.41		20.7					
91.46		21.1					
94.51		21.5					
97.56		21.9					
100.60		22.2					
103.65		22.6					
106.70		23.0					
109.75		23.4					
112.80		23.9					
115.85		24.3					
118.90		24.7					
121.95		25.1					
125.00		25.6					
128.04		25.9					
131.09		26.3					
134.14		26.7					
137.19		27.1					
140.24		27.6					
143.29		28.0					
146.34		28.3					
149.39		28.8					
152.43	TD	29.3					

K=Conductivity