

TEMPERATURE - DEPTH LOG

Location Vale, Oregon Date May 31, 1975
 Map Cairo Quadrangle
 Property T 17S R 46E sec NE 4 9
 Drill Hole V-5 Date Drilled _____ Elevation 2800 ft.
 Instrument _____ Operator P. King
 Comments logged at 1600 hrs. Filled with H₂O date drilled!

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
0						
1	5.525	14.055	-2.135			
2	6.025	11.920	-0.095			
3	6.048	11.825	0.685			
4	5.882	12.510	0.650			
5	5.728	13.160	0.495			
6	5.615	13.655	0.405			
7	5.526	14.050	0.250			
8	5.471	14.300	0.155			
9	5.458	14.355	0.000			
10	5.458	14.355	0.005			
11	5.457	14.360	0.105			
12	5.456	14.365	0.015			
13	5.453	14.380	0.030			
14	5.446	14.410	0.035			
15	5.439	14.445	0.050			
16	5.429	14.495	0.045			
17	5.418	14.540	0.045			
18	5.408	14.585	0.085			
19	5.390	14.670	0.035			
20	5.382	14.705	0.110			

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Map _____

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Comments _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
21	S359	14815	0.160			
22	S.324	14975	0.125			
23	S.298	15100	0.070			
24	S.283	15170	0.265			
25	S.227	15435	0.190			
26	S.188	15625	0.230			
27	S.236	15395	0.155			
28	S.205	15540	0.015			
29	S.202	15555	-0.030			
30	S.209	15525	0.130			
31	S.182	15655	0.080			
32	S.165	15735	0.190			
33	S.126	15925	0.070			
34	S.112	15995	-0.125			
35	S.137	15870	-0.060			
36	S.150	15810	0.035			
37	S.142	15845	0.085			
38	S.125	15930	0.085			
39	S.108	16015	0.115			
40	S.085	16130	0.195			
41	S.045	16325	0.045			

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Property _____ T _____ R _____ sec _____

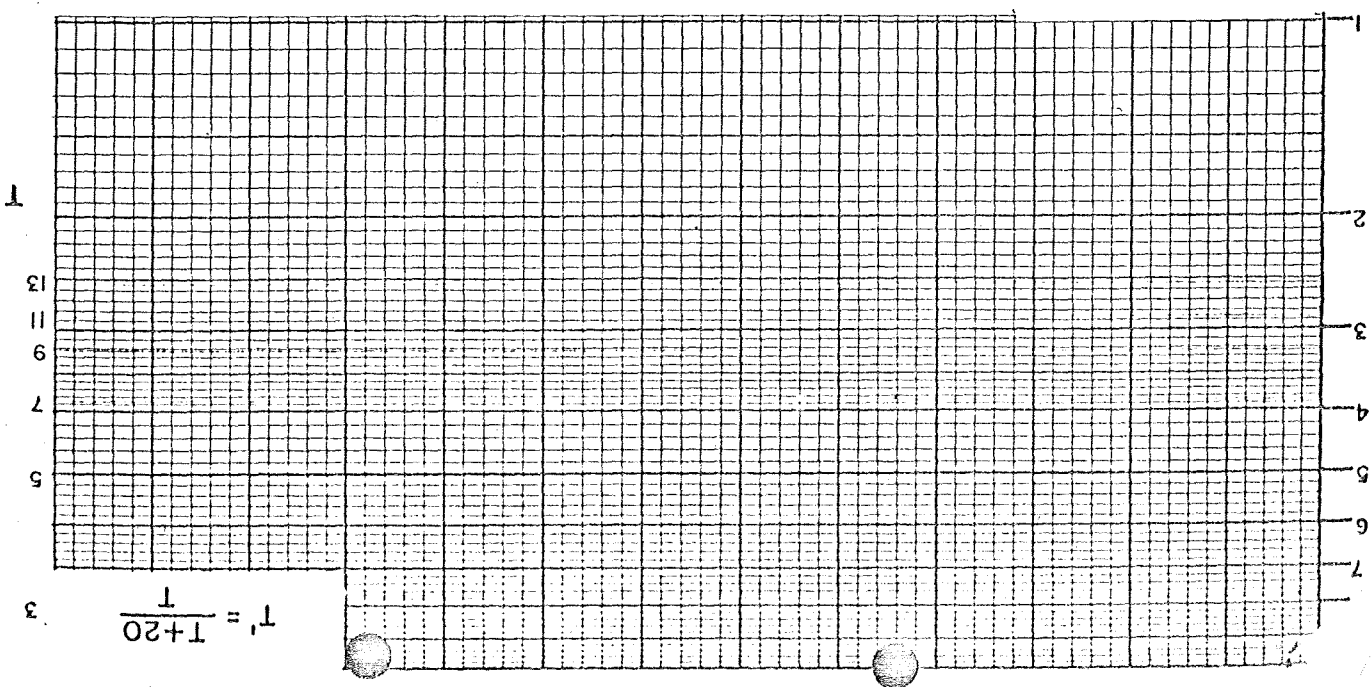
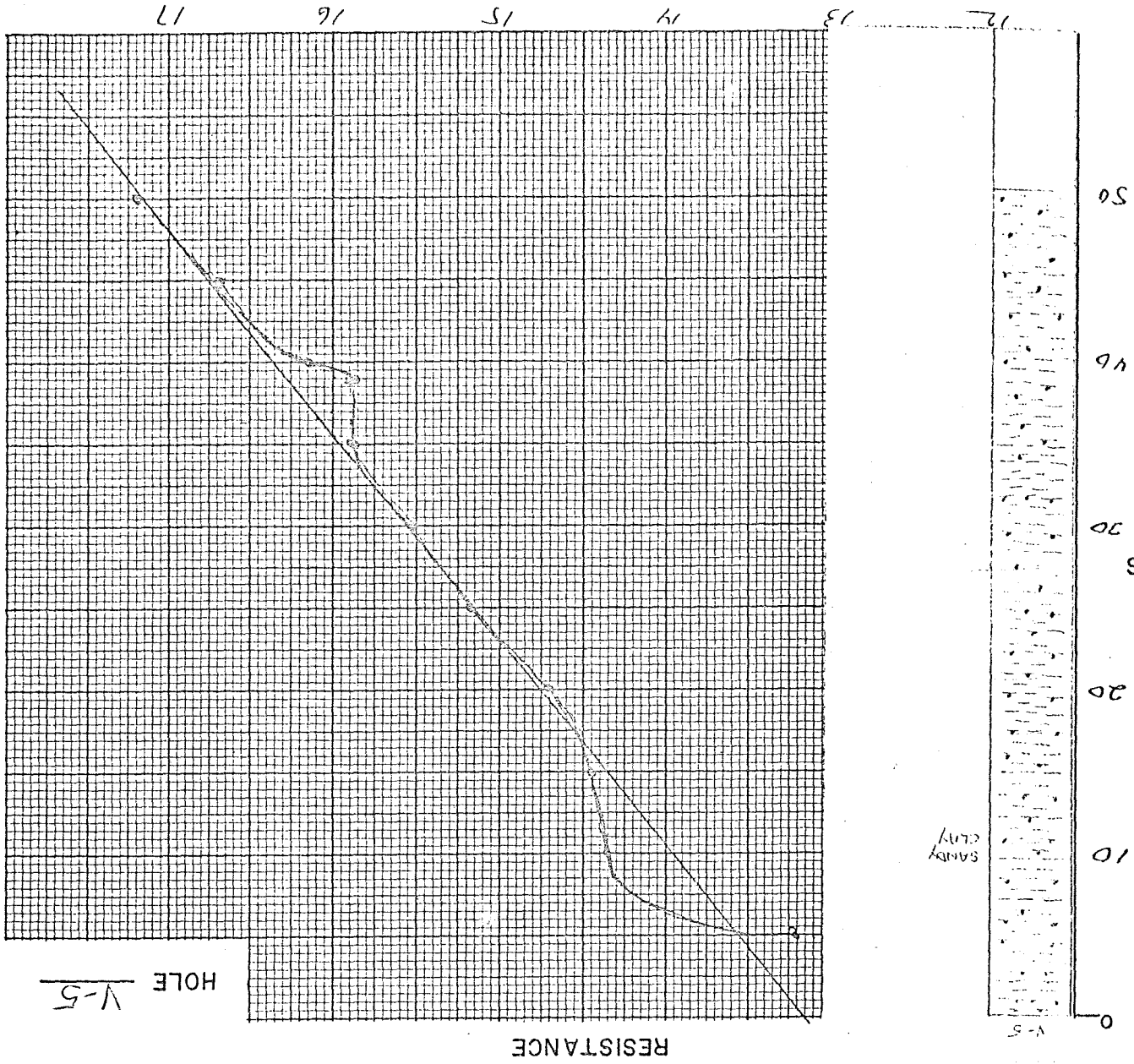
Drill Hole _____ Date Drilled _____ Elevation _____ ft.

Instrument _____ Operator _____

Comments _____

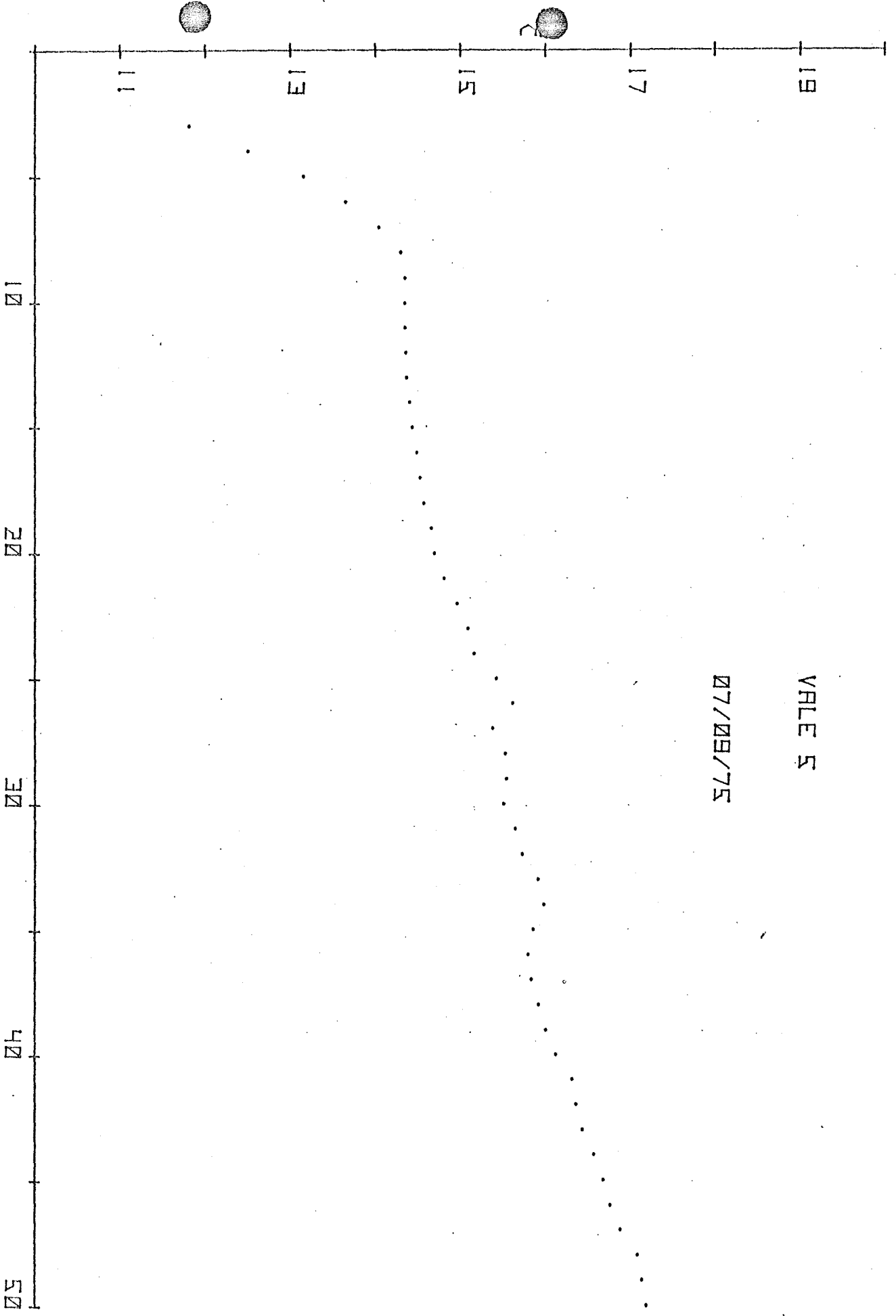
Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
42	5.036	16.370	0.075			
43	5.021	16.445	0.130			
44	4.990	16.575	0.125			
45	4.973	16.690	0.080			
46	4.957	16.776	0.120			
47	4.934	16.890	0.200			
48	4.895	17.090	0.060			
49	4.883	17.150	0.050			
50	4.874	17.200				

Average gradient 20-50 m = 83.2°C/Km



VALE 5

07/09/75



METERS

TEMPERATURE VS DEPTH LOG FOR WELL-VALE 5
07/09/75

DEPTH METERS	TEMPERATURE DEGREES C	GRADIENT C/KM
3	11.825	685
4	12.51	650
5	13.16	495
6	13.655	395
7	14.05	250
8	14.3	55
9	14.355	0
10	14.355	5
11	14.36	5
12	14.365	15
13	14.38	30
14	14.41	35
15	14.445	50
16	14.495	45
17	14.54	45
18	14.585	85
19	14.67	35
20	14.705	110
21	14.815	160
22	14.975	125
23	15.1	70
24	15.17	265
25	15.435	190
26	15.625	-230
27	15.395	145
28	15.54	15
29	15.555	-30
30	15.525	130
31	15.655	80
32	15.735	190
33	15.925	70
34	15.995	-120
35	15.875	-65
36	15.81	35
37	15.845	85
38	15.93	85
39	16.015	115
40	16.13	195
41	16.325	45
42	16.37	75
43	16.445	130
44	16.575	115
45	16.69	80
46	16.77	120
47	16.89	300
48	17.09	60
49	17.15	50