

TEMPERATURE - DEPTH LOG

Location Vale, Oregon Date May 31 1975

Map Mitchell Butte Quadrangle

Property _____ T 19S R 45E sec SE 1/4 35

Drill Hole V-4 Date Drilled _____ Elevation 2840 ft.

Instrument _____ Operator Pilkington

Comments logged at 1430 hrs Filled with H₂O date drilled

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
0						air
1	5.175	15.685				
2	5.885	12.495	-3.190			
3	5.912	12.385	0.110			
4	5.721	13.190	0.805			
5	5.635	13.565	0.375			
6	5.543	13.975	0.390			
7	5.361	14.105	0.830			
8	5.263	15.265	0.460			
9	5.235	15.400	0.135			
10	5.230	15.420	0.020			
11	5.231	15.415	-0.005			
12	5.230	15.420	0.005			
13	5.224	15.450	0.030			
14	5.211	15.515	0.065			
15	5.195	15.575	0.060			
16	5.182	15.655	0.080			
17	5.167	15.725	0.070			
18	5.151	15.805	0.080			
19	5.133	15.890	0.085			
20	5.116	15.975	0.085			
			0.085			

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Comments _____

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
21	5099	16.060	0.080			
22	5083	16.140	0.085			
23	5065	16.225	0.080			
24	5049	16.305	0.085			
25	5030	16.480	0.075			
26	5015	16.475	0.100			
27	4996	16.575	0.090			
28	4978	16.665	0.080			
29	4962	16.745	0.085			
30	4945	16.830	0.090			
31	4928	16.920	0.090			
32	4910	17.010	0.090			
33	4893	17.100	0.085			
34	4876	17.185	0.090			
35	4859	17.275	0.105			
36	4839	17.380	0.085			
37	4822	17.465	0.095			
38	4805	17.560	0.090			
39	4788	17.650	0.095			
40	4770	17.745	0.100			
41	4751	17.845	0.090			

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Property _____ T _____ R _____ sec _____

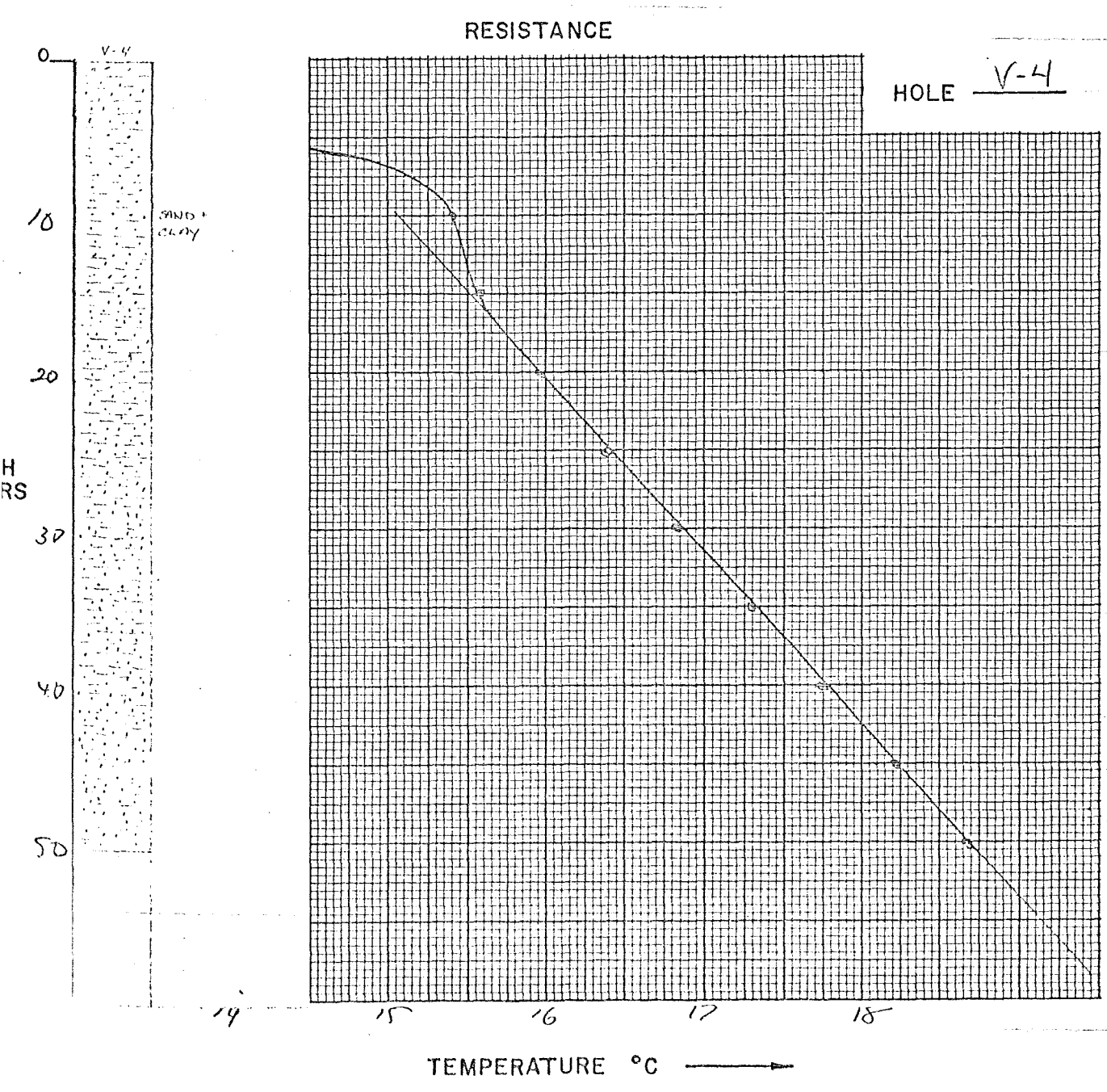
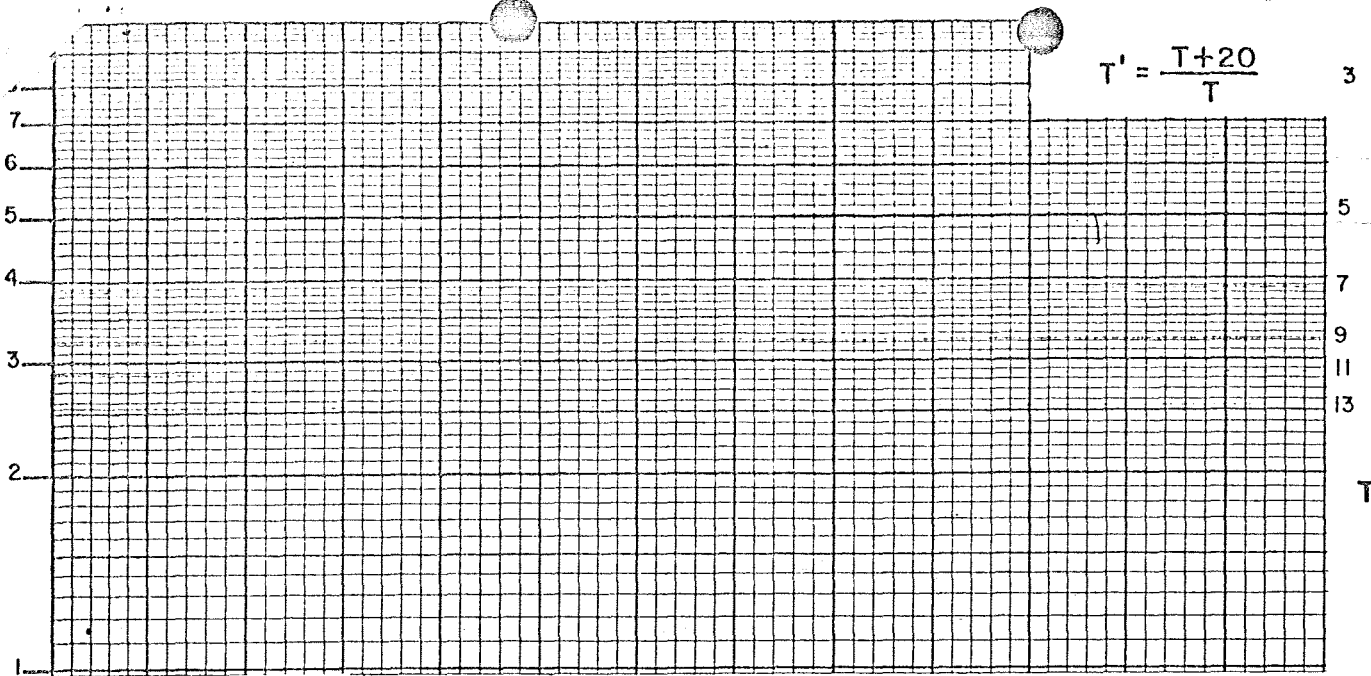
Drill Hole _____ Date Drilled _____ Elevation _____ ft.

Instrument _____ Operator _____

Comments _____

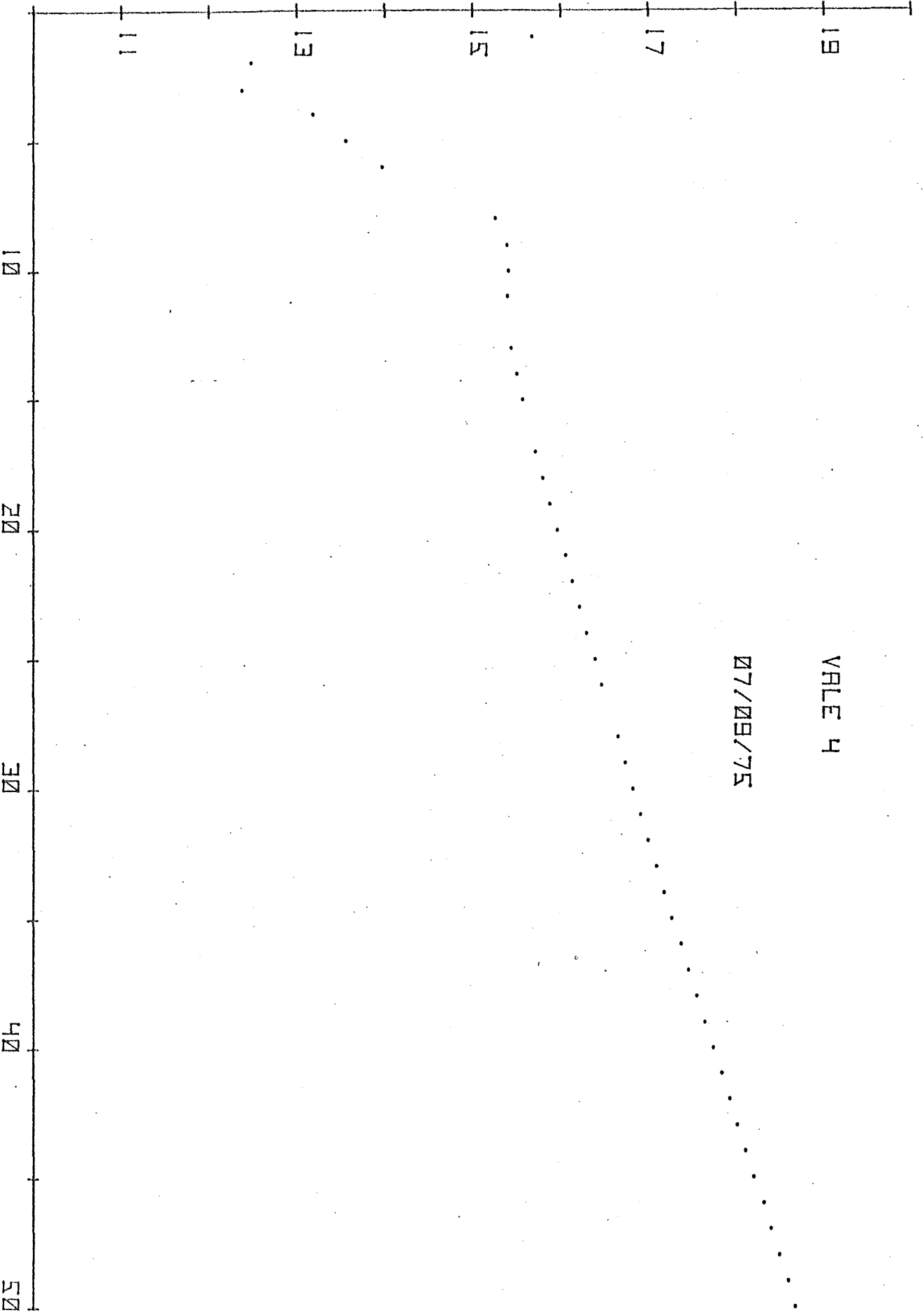
Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
42	4,235	17935				
43	4,719	18,020	0.085			
44	4,700	18120	0.100			
45	4,684	18210	0.090			
46	4,663	18325	0.115			
47	4,647	18410	0.085			
48	4,630	18505	0.095			
49	4,612	18605	0.100			
50	4,598	18680	0.085			

Average Gradient 20-50 m = 104.2 °C / Km



VALE 4

07/09/75



METERS

TEMPERATURE VS DEPTH LOG FOR WELL-VALE 4
07/09/75

DEPTH METERS	TEMPERATURE DEGREES C	GRADIENT C/KM
1	15.685	-3190
2	12.495	-110
3	12.385	895
4	13.19	375
5	13.565	410
6	13.975	645
8	15.265	135
9	15.4	20
10	15.42	-5
11	15.415	17.5
13	15.45	65
14	15.515	60
15	15.575	75
17	15.725	80
18	15.805	85
19	15.89	85
20	15.975	85
21	16.06	80
22	16.14	85
23	16.225	80
24	16.305	95
25	16.4	75
26	16.475	95
28	16.665	80
29	16.745	85
30	16.83	90
31	16.92	90
32	17.01	90
33	17.1	85
34	17.185	90
35	17.275	105
36	17.38	85
37	17.465	95
38	17.56	90
39	17.65	95
40	17.745	100
41	17.845	90
42	17.935	85
43	18.02	100
44	18.12	90
45	18.21	115
46	18.325	85
47	18.41	95
48	18.505	100
49	18.605	75