

TEMPERATURE - DEPTH LOG

Location Vale Oregon Date June 1 1975

Map Mitchell Butte Quadrangle

Property T 20 S R 45 E sec SE 1/4 29

Drill Hole V-9 Date Drilled \_\_\_\_\_ Elevation 3080 ft.

Instrument \_\_\_\_\_ Operator Pilkingin

Comments Logged at 1030 hrs Filled with H<sub>2</sub>O date drilled

Depth (meters)	Instr. Reading	Temp. °C	ΔT	Gradient		Comments
				°C/Km	Avg.	
0	3231	28.000				
1	5180	15.665	-12.335			
2	6325	10.770	-4.935			
3	6228	11.110	0.380			
4	6077	11.710	0.600			
5	5958	12.195	0.485			
6	5806	12.830	0.645			
7	5662	13.450	0.620			
8	5595	13.740	0.290			
9	5545	13.965	0.225			
10	5531	14.025	0.060			
11	5520	14.075	0.050			
12	5541	13.985	-0.090			
13	5547	13.955	-0.030			
14	5537	14.000	0.045			
15	5525	14.055	0.055			
16	5517	14.090	0.045			
17	5502	14.160	0.070			
18	5486	14.230	0.070			
19	5470	14.305	0.075			
20	5447	14.405	0.100			
			0.070			

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Map \_\_\_\_\_

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.	
21	5.432	14.475	0.040			
22	5.424	14.515	0.035			
23	5.416	14.550	0.075			
24	5.400	14.625	0.060			
25	5.387	14.685	0.035			
26	5.379	14.720	0.030			
27	5.371	14.756	0.075			
28	5.356	14.825	0.065			
29	5.345	14.880	0.070			
30	5.330	14.950	0.060			
31	5.317	15.010	0.050			
32	5.306	15.060	0.070			
33	5.291	15.130	0.065			
34	5.278	15.195	0.050			
35	5.267	15.245	0.070			
36	5.252	15.315	0.060			
37	5.240	15.375	0.060			
38	5.227	15.435	0.040			
39	5.219	15.475	0.030			
40	5.213	15.505	0.020			
41	5.208	15.525	0.035			

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Property \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ sec \_\_\_\_\_

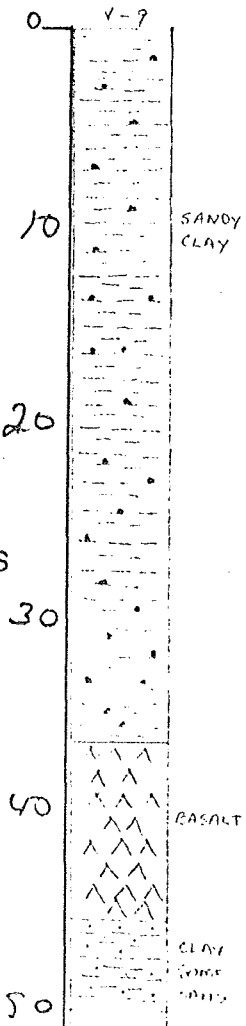
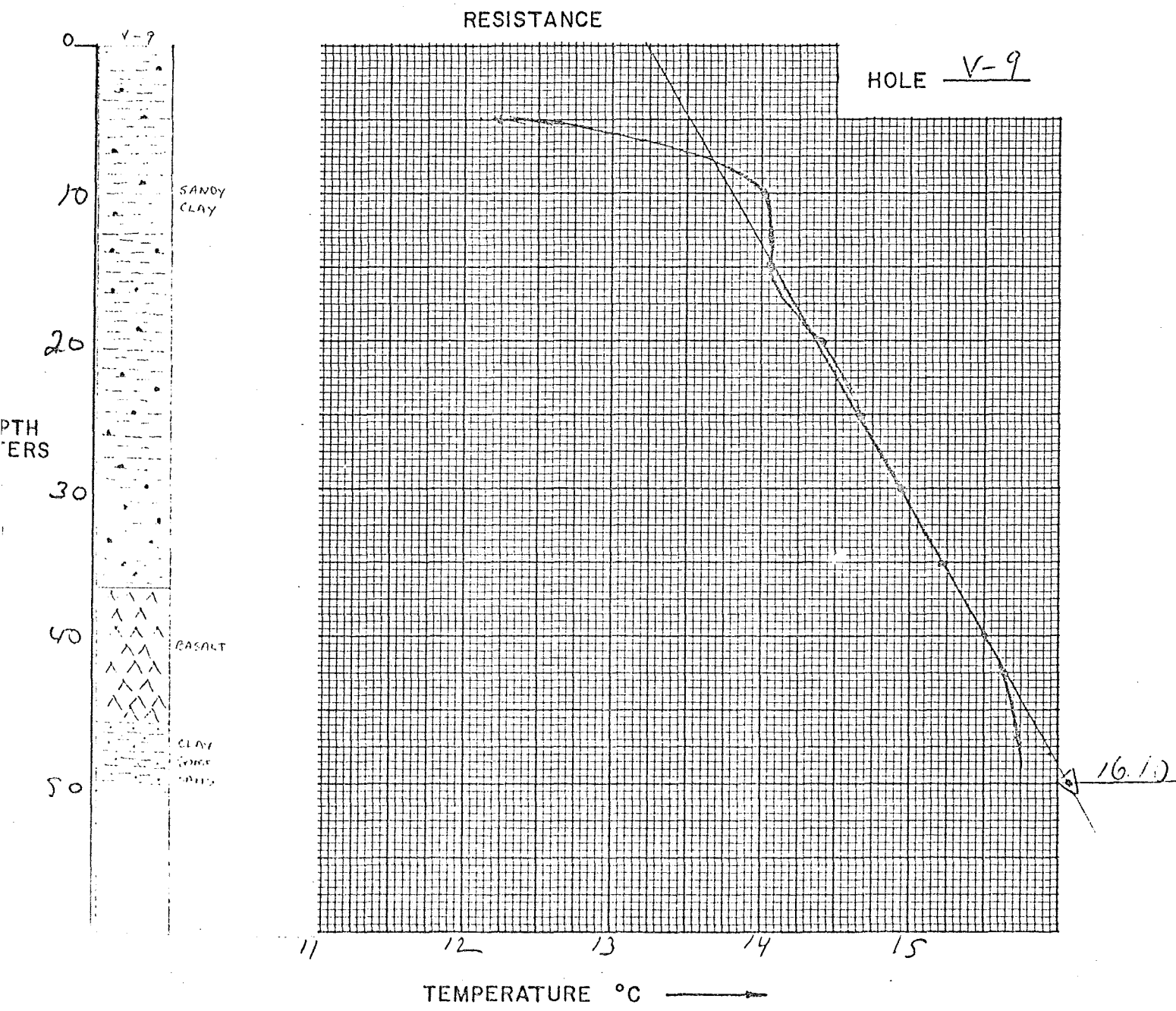
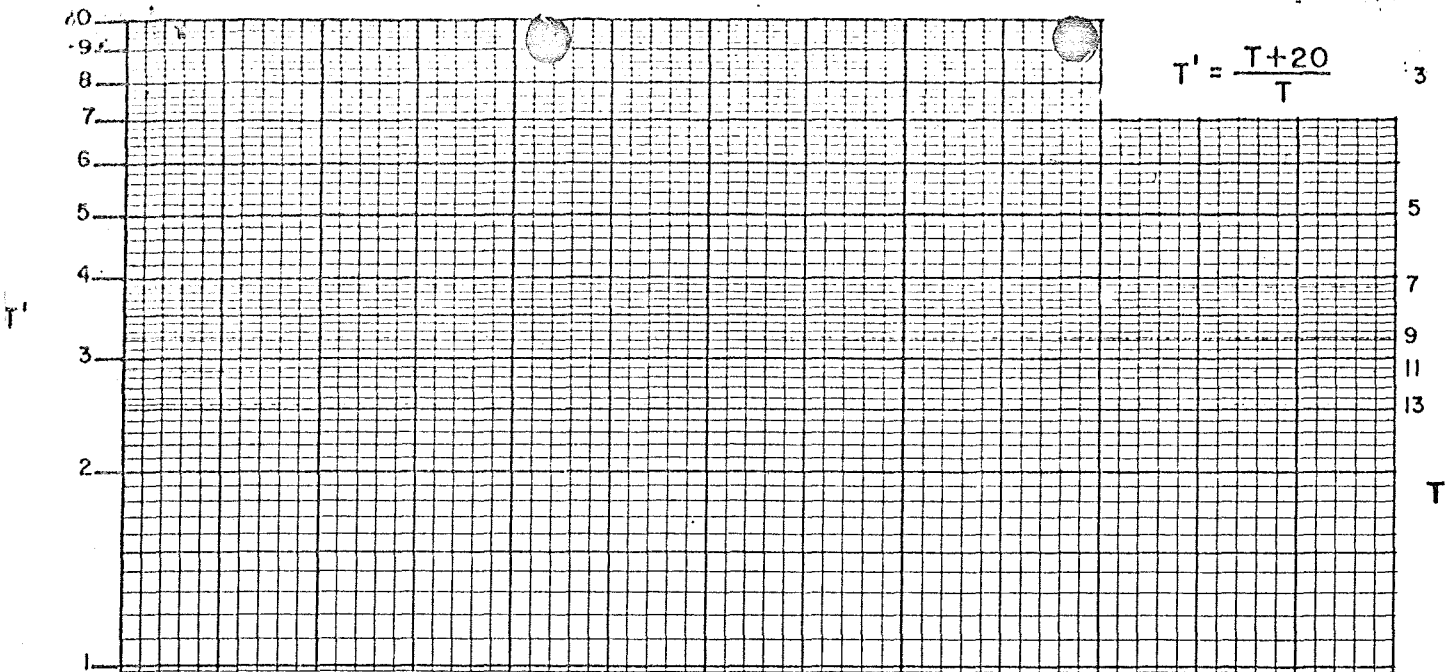
Drill Hole \_\_\_\_\_ Date Drilled \_\_\_\_\_ Elevation \_\_\_\_\_ ft.

Instrument \_\_\_\_\_ Operator \_\_\_\_\_

Comments \_\_\_\_\_

Depth (meters)	Instr. Reading	Temp. °C	$\Delta T$	Gradient °C/Km Avg.	Comments
42	5201	15562			
43	5195	15590	0.030		
44	5189	15620	0.030		
45	5182	15655	0.035		
46	5179	15665	0.010		
47	5164	15746	0.075		

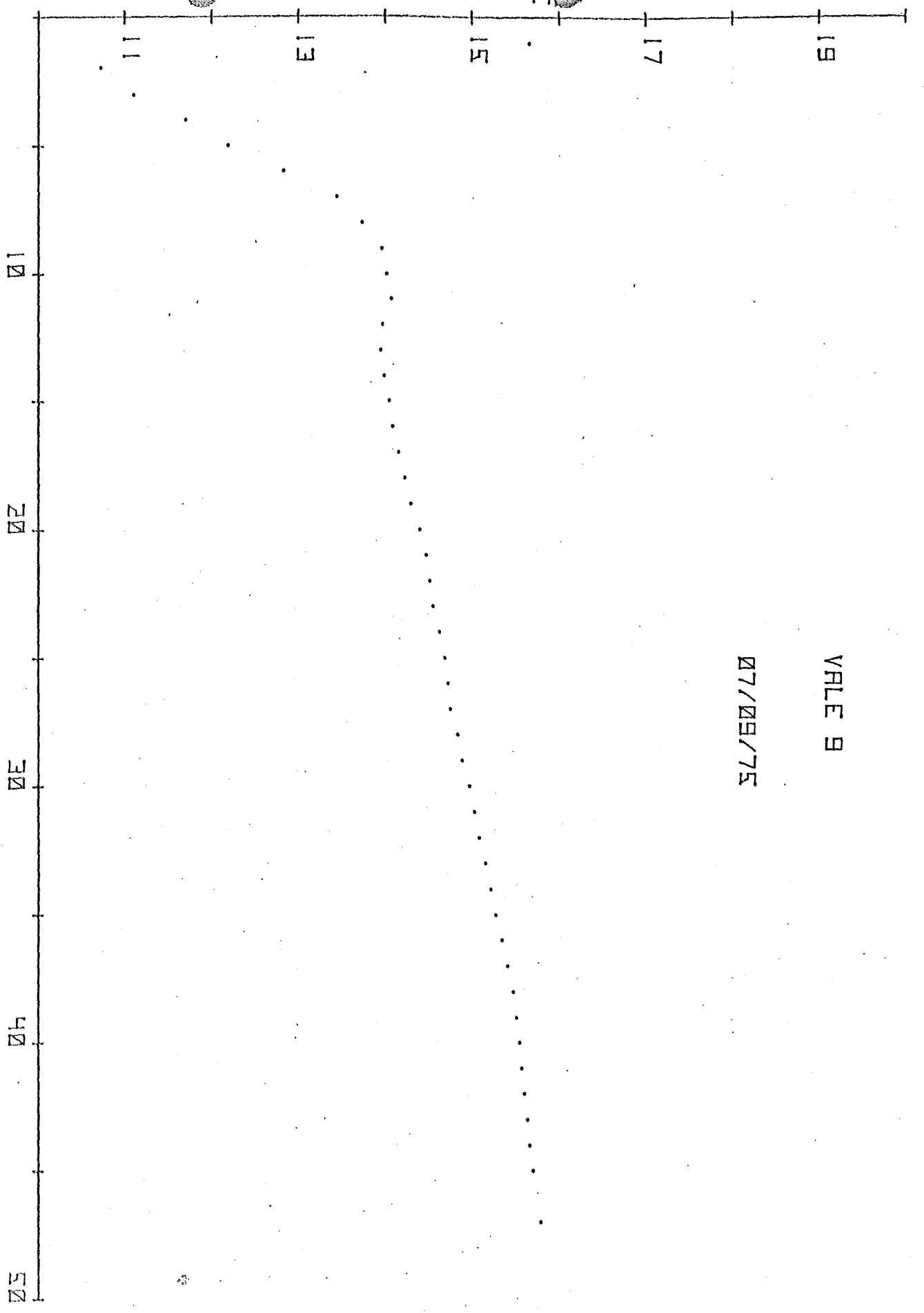
Average gradient 20-40 = 55 °C / Km



VALE 9

07/09/75

METERS



TEMPERATURE VS DEPTH LOG FOR WELL-VALE 2  
07/09/75

DEPTH METERS	TEMPERATURE DEGREES C	GRADIENT C/KM
1	15.665	-4935
2	10.73	380
3	11.11	600
4	11.71	485
5	12.195	635
6	12.83	620
7	13.45	290
8	13.74	225
9	13.965	60
10	14.025	50
11	14.075	-90
12	13.985	-30
13	13.955	45
14	14	55
15	14.055	35
16	14.09	70
17	14.16	70
18	14.23	75
19	14.305	100
20	14.405	70
21	14.475	40
22	14.515	35
23	14.55	75
24	14.625	60
25	14.685	35
26	14.72	30
27	14.75	75
28	14.825	55
29	14.88	70
30	14.95	60
31	15.01	50
32	15.06	70
33	15.13	65
34	15.195	50
35	15.245	70
36	15.315	60
37	15.375	60
38	15.435	40
39	15.475	30
40	15.505	20
41	15.525	35
42	15.56	30
43	15.59	30
44	15.62	35
45	15.655	42.5