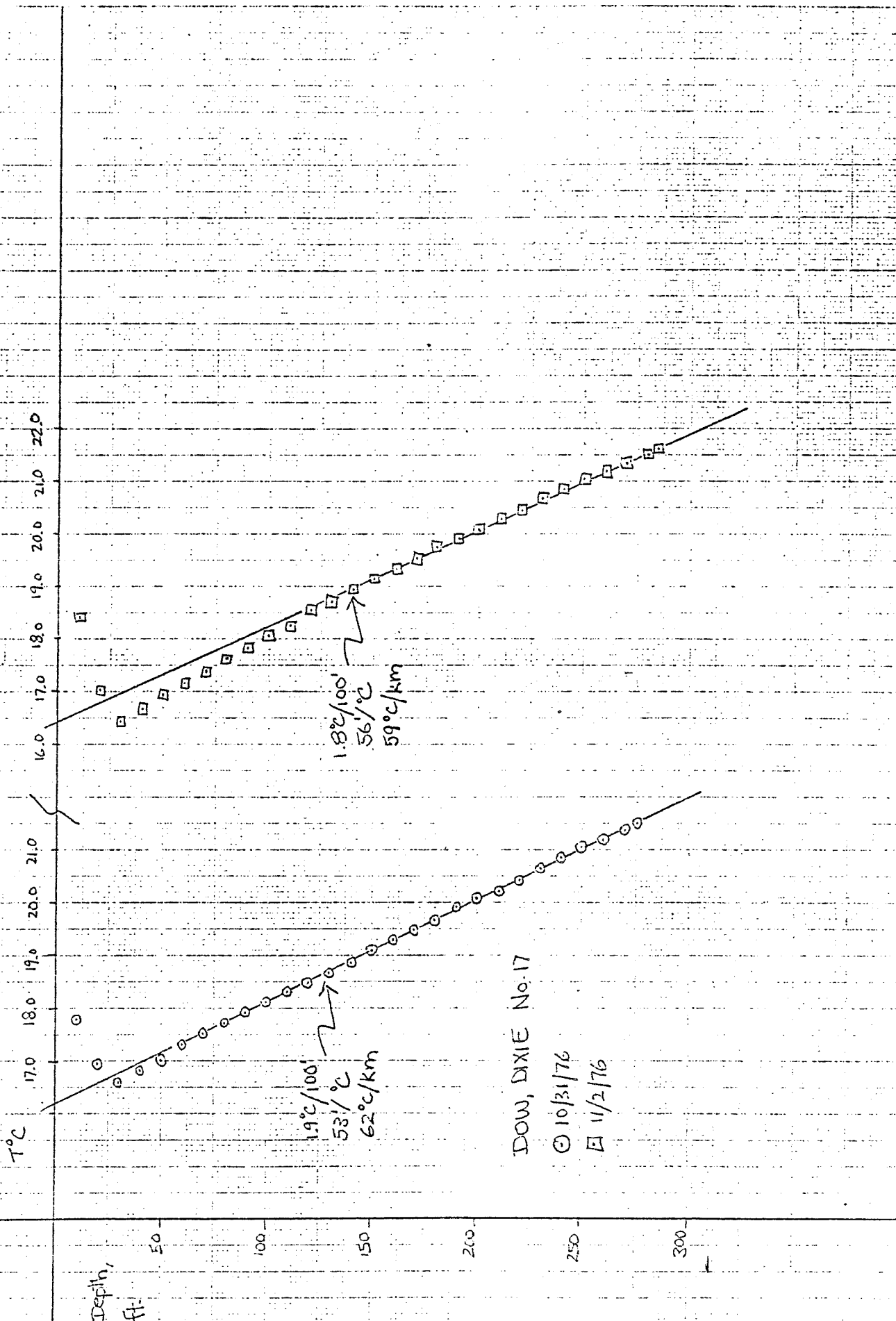


DOW DIXIE NO. 17 = 903-19



DOW, DIXIE No.17
 © 10/31/76
 □ 11/2/76

903-19

DOW DIXIE No. 17

TEMPERATURE LOG

C. Klein

Loc:

Date: 11/2/76

Time: 1020

Depth	T°C, down
10	18.4
20	17.02
30	16.43
40	16.67
50	16.93
60	17.17
70	17.39
80	17.62
90	17.83
100	18.06
110	18.27
120	18.54
130	18.72
140	18.95
150	19.13
160	19.32
170	19.52
180	19.75
190	19.92
200	20.09
210	20.29
220	20.44
230	20.68
240	20.83
250	21.03
260	21.20
270	21.36
280	21.50
290	21.61 ← black
300	TD

15

72°

40

62° c/k

85

$$\frac{(22.4) \text{ (19) } 72, 62}{2.90} = 3.1 @ 5.0$$

Well DIXIE No. 17

TEMPERATURE LOG

M. Gardner,
transcribed by
C. Klein

Loc:

Date : 10/31/76

Time: morning

Depth | T^o, down

10	17.8
20	16.95
30	16.59
40	16.81
50	17.00
60	17.31
70	17.52
80	17.71
90	17.90
100	18.10
110	18.31
120	18.49
130	18.66
140	18.86
150	19.09
160	19.29
170	19.49
180	19.68
190	19.91
200	20.09
210	20.21
220	20.42
230	20.64
240	20.85
250	21.04
260	21.18
270	21.37
276	21.48
300	—

180-190 : tight spot - surged

block in pipe
TD

Hole No. 17
Operation Summary

M. Gardner, transcribed
by C. Klein

Loc.: Bend in road, NW $\frac{1}{4}$, Sec. 12, T23N, R36W (1.7 mi N of Dyer Canyon/Dyer Flat Well/Bernice Canyon Junction). East side Dixie Valley.

Drilling Log:

10/28/76 Driller: R. Cardell set-up; L. Millard. 1900 hrs to 0500 hrs.
1430 Arrive and set-up, water trip, to Fallon for gas
1900 Night crew on. Spud-in. Vibration; chopping coarse, hard boulders
2000 55' depth, drilling.
2300 70' depth, drilling, smooth, finer grain (gravel) size
10/29/76 Driller: L. Millard to 0500 hrs; R. Cardell 0845 hrs to completion.
0500 170' depth; night crew off
0845 Day crew on; start drilling at 170'.
0940 190'; swivel head repairs.
1035 drilling intermittently, performing maintenance, greasing concurrently.
1135 drilling steady at 255'
1235 drilling steady at 300'; TD, circulate.
1245 coming out of hole; some tight places, may have cave material on bottom(?).
— plastic pipe in place, move to site no. 16. Water truck mixed in ground at pond; driller had been instructed to get water at well at different location. Water truck extracted by L. Millard crew with help from H. Turley, local rancher, morning 10/30.

Geologic Setting: Central region of alluvial fan at 3600 ft. altitude, about 3 $\frac{1}{2}$ miles from basin level 3380 ft to northwest, 4 miles from principal break in slope at range front at about 4800 ft. altitude, to northeast. Note range front E side Dixie Valley is rotated block, not fault escarpment.

Hole No. 17- cont.

Geologic Summary: Entire section is fan deposits of sand, pebbles, chips to 45 mm of felsite, sandstone, slate/shale, basalt, fine-grained gabbro porphyry, quartzite. Fines predominate below 70 ft.; 1 to 6 mm, 2 to 4 mm generally predominant. Returns probably represent fine gravel ^{and sands} with lenses and interchannel fill of coarser debris.

Dove

GeothermEx, Inc.

Site Scientist N. J. [unclear]

Date 10/30/97

DIY IE #17

LITHOLOGIC LOG

INTERVAL	SCHEMATIC OF STRATIGRAPHY	LITHOLOGIC DESCRIPTION	COMMENTS, INTERPRETATION
0 - 10		pebbles, chips or pebbles to 30mm; bio-pyr (felsite, ss, slaty/sh, basalt/sine ground gabbro porphyry (silicified?)), gtz.	
10 - 20		do	
20 - 30		do	
30 - 40		do; gabs to 45mm	
40 - 5		do	5
55 - 70		do; siliceous 25%	
70 - 85		do; siliceous gabbro increasing to 50% in ground gabbro fragments pebble fragments	
85 - 100		do	
100 - 115		do; coarse gabbro 15%	gabbro lens

Dowl

Dixie # 7

LITHOLOGIC LOG

GeothermEx, Inc.

Site Scientist MCS

Date 10/21/16

INTERVAL	SCHEMATIC OF STRATIGRAPHY	LITHOLOGIC DESCRIPTION	COMMENTS, INTERPRETATION
115 - 130		1-6 mm fragments; 2-4 mm predominant; pale green-buff silt, orange ss, etc., black gn. gabbro.	
130 - 145		do; 20% gravel to 30 mm	gravel lens
145 - 160		do; < 10% ^{larger} gravel sp. sp.	
160 - 175		do	
175 - 190		do	
190 - 205		1-8 mm chips } red, buff, c. ss, silt, blk sk, qtz, silt	fine gravel, and silty sand lenses, in fact same silt.
205 - 220		do	do
220 - 235		do	do
235 - 250		do	do

Dow

LITHOLOGIC LOG

GEOPHYSICAL, LLC.

Site Scientist MCG

Date 10/29/76

DIXIE #77

INTERVAL	SCHEMATIC OF STRATIGRAPHY	LITHOLOGIC DESCRIPTION	COMMENTS, INTERPRETATION
750 765	do		do
765 270	do		do
250 295	do		do
775 30 T-D	do		do