OPEN-FILE REPORT
76-279
SHEET 1 OF 2

6-1 Type Log: Drillers

5449 ft surface elevation
1675.8 m

Natural Gamma
Counts per second scale
0 50

Shale

casing

TD 84 ft
25.6 m

Shale

TD 120 ft
36.6 m

5-1 Type log: Drillers

5480 ft surface elevation
1670.25m

Natural Gamma
counts per second scale
0 50

Mudstone

casing

TD 63 ft
19.2 m

Mudstone

TD 100 ft
30.5 m

4-1 Type Log: Drillers

5458 ft surface elevation
1663.75 m

Natural Gamma
Counts per second scale
0 50

Mudstone

TD 465 ft
137 m

Mudstone

TD 76 ft
23.9 m

3-1 Type Log: Cuttings to 15ft, thence Core to 60ft.

5447 ft surface elevation
1660.55m

Mudstone, dark gray silty

Mudstone, med gray-to-brown

T.D. 60 ft
18.3 m

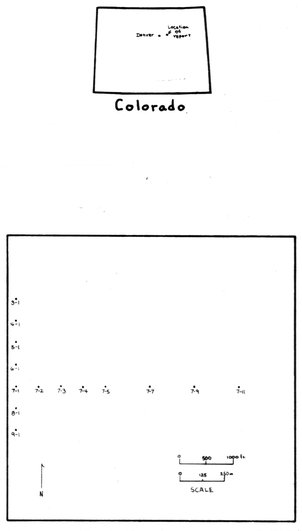
Vertical Scale

METRES FEET
0 0
10
5 20
30
10
40
50
15

Horizontal Scale

0 10 20 30 40 50 METRES
0 30 60 100 150 FEET

Location of drill holes in Sec. 17, T.3S., R.65W.



EXPLANATION

Lithologic Symbols

- Sandstone
- Mudstone
- Siltstone
- Gypsum
- Lignite
- Plant material
- Claystone
- Shale
- Undifferentiated soil and alluvium
- Correlation line for lignite beds

Acknowledgments

Drillers logs by Charles Powell Colo. School of Mines; lithologic logs of cores and cuttings by D. G. Malotte, A. R. Norton, and J. D. Sanchez of U.S. Geol. Survey; geophysical logs by J. H. Scott, U.S. Geol. Survey and W. M. Larson, U.S. Bur. Mines. R. G. Hobbs, U.S. Geol. Survey, was the program coordinator. The lignite beds have been placed in the Denver Formation by Soister (1974).

REFERENCE

Soister, P. E., 1974, A preliminary report on a zone containing thick lignite beds Denver Basin, Colorado. U.S. Geol. Survey Open-File Report 74-27, 64 p., 7 figs., 4 tables.

U.S. Geological Survey
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This illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.