

# DAILY DRILLING REPORT

VARNER WELL AND PUMP CO.

BOX 237 DUBUQUE, IOWA 52001

Date

Job MAQUOKETA

Hole No. 6

Rig No. T-12

Tour 2:5 M M

| DEPTH |     | TIME START | TIME FINISH | MINUTES | MUD VISCOSITY | MUD WEIGHT | FORMATION | REMARKS |
|-------|-----|------------|-------------|---------|---------------|------------|-----------|---------|
| FROM  | TO  |            |             |         |               |            |           |         |
| 770   | 771 | 8:44       | 8:57        | 13      |               |            | D6LO      | 3       |
|       | 72  |            | 9:10        | 13      |               |            |           |         |
|       | 73  |            | 9:22        | 13      |               |            |           | 5       |
|       | 74  |            | 9:35        | 18      |               |            |           |         |
|       | 775 |            | 10:08       | 15      |               |            |           |         |
|       | 76  |            | 10:08       | 14      |               |            |           |         |
|       | 77  |            | 10:22       | 21      |               |            |           |         |
|       | 78  |            | 10:43       | 12      | 3-29          | -78        |           |         |
|       | 79  |            | 11:02       | 19      |               |            |           |         |
|       | 790 |            | 11:24       | 22      |               |            |           |         |
|       | 81  |            | 11:48       | 24      |               |            |           |         |
|       | 82  |            | 12:21       | 23      |               |            |           |         |
|       | 83  |            | 12:33       | 12      |               |            |           |         |
|       | 84  |            | 12:53       | 20      |               |            |           |         |
|       | 785 |            | 1:12        | 19      |               |            |           |         |
|       | 86  |            | 1:28        | 16      |               |            |           |         |
|       | 87  |            | 1:44        | 16      |               |            |           |         |
|       | 88  |            | 2:00        | 16      |               |            |           |         |
|       | 89  |            | 2:17        | 17      |               |            |           |         |
|       | 790 |            | 2:33        | 16      |               |            |           |         |
|       | 91  |            | 2:47        | 14      |               |            |           |         |
|       | 92  |            | 3:01        | 14      |               |            |           |         |
|       | 93  |            | 3:16        | 15      |               |            |           |         |
|       | 94  |            | 3:30        | 14      |               |            |           |         |
|       | 795 |            | 3:41        | 11      |               |            |           |         |
|       | 96  |            | 3:53        | 12      |               |            |           |         |
|       | 97  |            | 4:03        | 11      |               |            |           |         |
|       | 98  |            | 4:13        | 10      |               |            |           |         |
| 98    | 99  |            | 4:20        | 7       |               |            |           |         |
|       | 800 |            | 4:25        | 5       |               |            |           |         |

ADDITIONAL REMARKS, ETC.

Samples 700 - 885' 3-27-78

APPROVED BY

DRILLER

# DAILY DRILLING REPORT

VARNER WELL AND PUMP CO.

BOX 237

DUBUQUE, IOWA 52001

Date 5-21

Job Augusta

Hole No. 6

Rig No. T-12

Tour M

M

| DEPTH |     | TIME START | TIME FINISH | MINUTES | MUD VISCOSITY | MUD WEIGHT | FORMATION | REMARKS |
|-------|-----|------------|-------------|---------|---------------|------------|-----------|---------|
| FROM  | TO  |            |             |         |               |            |           |         |
| 800   | 801 | 4:35       | 4:36        | 1       |               |            | Sand      |         |
|       | 2   |            | 4:37        | 1       |               |            |           |         |
|       | 3   |            | 4:38        | 1       |               |            |           |         |
|       | 4   |            | 4:39        | 1       |               |            |           |         |
|       | 805 |            | 4:40        | 1       |               |            |           |         |
|       | 6   |            | 4:41        | 1       |               |            |           |         |
|       | 7   |            | 4:42        | 1       |               |            |           |         |
|       | 8   |            | 4:43        | 1       |               |            |           |         |
|       | 9   |            | 4:43        | 1/2     |               |            |           |         |
|       | 810 |            | 4:44        | 1/2     |               |            |           |         |
|       | 11  |            | 4:44        | 1/2     |               |            |           |         |
|       | 12  |            | 4:45        | 1/2     |               |            |           |         |
|       | 13  |            | 4:45        | 1/2     |               |            |           |         |
|       | 14  |            | 4:46        | 1/2     |               |            |           |         |
|       | 815 |            | 4:46        | 1/2     |               |            |           |         |
|       | 16  |            | 4:47        | 1/2     |               |            |           |         |
|       | 17  |            | 4:47        | 1/2     |               |            |           |         |
|       | 18  |            | 4:48        | 1/2     |               |            |           |         |
|       | 19  |            | 4:48        | 1/2     |               |            |           |         |
|       | 820 |            | 4:49        | 1/2     |               |            |           |         |
|       | 21  |            | 4:49        | 1/2     |               |            |           |         |
|       | 22  |            | 4:50        | 1/2     |               |            |           |         |
|       | 23  |            | 4:50        | 1/2     |               |            |           |         |
|       | 24  |            | 4:51        | 1/2     |               |            |           |         |
|       | 825 |            | 4:51        | 1/2     |               |            |           |         |
|       | 26  |            | 4:52        | 1/2     |               |            |           |         |
|       | 27  |            | 4:52        | 1/2     |               |            |           |         |
|       | 28  |            | 4:53        | 1/2     |               |            |           |         |
|       | 29  |            | 4:53        | 1/2     |               |            |           |         |
|       | 830 |            | 4:54        | 1/2     |               |            |           |         |

ADDITIONAL REMARKS, ETC.

APPROVED BY

DRILLER



# DAILY DRILLING REPORT

**VARNER WELL AND PUMP CO.**

BOX 237 DUBUQUE, IOWA 52001

Date 3/24/28

Job MAQUOKETA

Hole No. 6

Rig No. T-12

Tour M M

| DEPTH |     | TIME START | TIME FINISH | MINUTES | MUD VISCOSITY | MUD WEIGHT | FORMATION | REMARKS                 |
|-------|-----|------------|-------------|---------|---------------|------------|-----------|-------------------------|
| FROM  | TO  |            |             |         |               |            |           |                         |
| 860   | 861 | 12:22      | 12:47       | 25      |               |            | Dolo.     |                         |
|       | 62  | 1:00       | 1:15        | 15      |               |            |           |                         |
|       | 63  |            | 1:30        | 15      |               |            |           |                         |
|       | 64  |            | 1:45        | 15      |               |            |           |                         |
|       | 865 |            | 2:01        | 16      |               |            |           | Can @ 860' SER. Ho.     |
|       | 66  |            | 2:12        | 17      |               |            |           |                         |
|       | 67  |            | 2:35        | 12      |               |            |           |                         |
|       | 68  |            | 2:45        | 10      |               |            |           |                         |
|       | 69  |            | 3:00        | 15      |               |            |           |                         |
|       | 870 |            | 3:15        | 15      |               |            |           |                         |
|       | 71  |            | 3:23        | 8       |               |            |           |                         |
|       | 72  |            | 3:28        | 5 ?     |               |            |           |                         |
|       | 73  |            | 3:34        | 6       |               |            |           |                         |
|       | 74  |            | 3:48        | 14      |               |            |           |                         |
|       | 875 |            | 4:01        | 13      |               |            |           |                         |
|       | 76  |            | 4:13        | 12      |               |            |           |                         |
|       | 77  |            | 4:33        | 20      |               |            |           |                         |
|       | 78  |            | 4:54        | 21      |               |            |           |                         |
|       | 79  |            | 5:06        | 14      |               |            |           |                         |
|       | 880 |            | 5:27        | 19      |               |            |           |                         |
|       | 81  |            | 5:42        | 15      |               |            |           | Work On Air Comp.       |
|       | 82  | 6:29       | 6:45        | 16      |               |            |           |                         |
|       | 83  |            | 7:01        | 16      |               |            |           |                         |
|       | 84  |            | 7:18        | 17      |               |            |           |                         |
|       | 885 |            | 7:40        | 22      |               |            |           | Out Of Hole For Wk. End |
|       | 86  |            |             |         |               |            |           |                         |
|       | 87  |            |             |         |               |            |           |                         |
|       | 88  |            |             |         |               |            |           |                         |
|       | 89  |            |             |         |               |            |           |                         |
|       | 890 |            |             |         |               |            |           |                         |

ADDITIONAL REMARKS, ETC.

APPROVED BY \_\_\_\_\_

DRILLER



# DAILY DRILLING REPORT

VARNER WELL AND PUMP CO.

BOX 237 DUBUQUE, IOWA 52001

Date 3-24-28

Job Magnolia

Hole No. 6

Rig No. T-12

Tour M M

| DEPTH |     | TIME START | TIME FINISH | MINUTES | MUD VISCOSITY | MUD WEIGHT | FORMATION | REMARKS               |
|-------|-----|------------|-------------|---------|---------------|------------|-----------|-----------------------|
| FROM  | TO  |            |             |         |               |            |           |                       |
| 030   | 031 | 4:54       | 4:55        | 1/2     |               |            | SAND      |                       |
|       | 32  |            | 4:55        | 2       |               |            |           |                       |
|       | 33  | 5:15       | 5:16        | 1       |               |            |           | Conn. Circulate       |
|       | 34  |            | 5:18        | 2       |               |            |           | Clean hole            |
|       | 35  |            | 5:22        | 4       |               |            |           |                       |
|       | 36  |            | 5:25        | 3       |               |            |           |                       |
|       | 37  |            | 5:30        | 5       |               |            |           |                       |
|       | 38  | 5:45       | 5:48        | 3       |               |            |           | Tighten down          |
|       | 39  |            | 5:52        | 5       |               |            |           |                       |
|       | 40  |            | 6:00        | 7       |               |            |           |                       |
|       | 41  |            | 6:03        | 3       |               |            |           |                       |
|       | 42  |            | 6:08        | 6       |               |            |           |                       |
|       | 43  |            | 6:16        | 8       |               |            |           |                       |
|       | 44  |            | 6:24        | 8       |               |            |           |                       |
|       | 45  |            | 6:32        | 8       |               |            |           |                       |
|       | 46  |            | 6:43        | 11      |               |            |           |                       |
|       | 47  |            | 7:00        | 17      |               |            |           | TOP OF PRAMPE d. CHEN |
|       | 48  |            | 7:16        | 16      |               |            |           |                       |
|       | 49  |            | 7:32        | 16      |               |            |           | CLEANING OUT          |
|       | 50  | 9:30       | 9:36        | 6       |               |            |           | SANDY DOL. PITS.      |
|       | 51  |            | 9:52        | 16      |               |            |           |                       |
|       | 52  |            | 10:30       | 38      |               |            |           |                       |
|       | 53  |            | 10:32       | 12      |               |            |           |                       |
|       | 54  |            | 10:44       | 12      |               |            |           |                       |
|       | 55  |            | 11:01       | 17      |               |            |           |                       |
|       | 56  |            | 11:13       | 12      |               |            |           |                       |
|       | 57  |            | 11:30       | 17      |               |            |           |                       |
|       | 58  |            | 11:47       | 17      |               |            |           |                       |
|       | 59  |            | 12:05       | 16      |               |            |           |                       |
|       | 60  |            | 12:22       | 17      |               |            |           |                       |

ADDITIONAL REMARKS, ETC.

APPROVED BY

DRILLER

March 27, 1978

Varnes Well & Pump.  
Box 237  
Dubuque, Iowa, 52001

Dear Sirs,

I have examined the raw sample cuttings from the new well being drilled at Maquoketa (City well #6). I believe the formation tops to be as follows:

|                  |      |
|------------------|------|
| St. Peter        | 798' |
| Prairie du Chien | 846' |

1764

Jack Gilmore  
Chief of Subsurface Geology  
Iowa Geological Survey

Mr. Gatewood brought in samples  
from 700' - 885'.



T44-R3E - 17 30 15 100

17 30 15 100

File located by Bill Baker, 7/11/1968

200 17 30 15 100

