

Knoeppel #1

6-23-19E OV  
6-23-19

Well No.1 For Long & Graham.

Plotted

| ft. | soil                  | 7    | ft.                |
|-----|-----------------------|------|--------------------|
| 7   | soil                  | 7    | ft.                |
| 30  | lime                  | 37   | ..                 |
| 10  | shale                 | 47   | ..                 |
| 30  | lime                  | 77   | ..                 |
| 20  | shale                 | 97   | ..                 |
| 45  | lime                  | 142  | ..                 |
| 65  | shale                 | 207  | ..                 |
| 40  | lime                  | 247  | ..                 |
| 30  | shale                 | 277  | ..                 |
| 30  | lime                  | 307  | ..                 |
| 15  | sand                  | 322  | ..                 |
| 63  | lime                  | 385  | ..                 |
| 5   | slate & water         | 390  | ..                 |
| 40  | lime                  | 430  | ..                 |
| 205 | shale light           | 630  | ..                 |
| 10  | lime                  | 640  | ..                 |
| 10  | shale-dark            | 650  | ..                 |
| 5   | lime                  | 655  | ..                 |
| 45  | shale-light           | 700  | ..                 |
| 8   | lime                  | 708  | ..                 |
| 12  | shale-dark            | 720  | ..                 |
| 3   | lime                  | 723  | ..                 |
| 12  | shale                 | 735  | ..                 |
| 7   | lime                  | 742  | ..                 |
| 5   | shale                 | 747  | ..                 |
| 9   | lime                  | 756  | ..                 |
| 44  | shale-dark&light      | 800  | ..                 |
| 12  | gas sand              | 812  | ..                 |
| 19  | shale-dark set casing | 831  | ..                 |
| 40  | shale-dark&light      | 871  | ..                 |
| 14  | sandy shale           | 885  | ..                 |
| 5   | white shale           | 890  | ..                 |
| 10  | gas sand              | 900  | ..                 |
| 80  | dark shale            | 980  | ..                 |
| 20  | light shale           | 1020 | ..                 |
| 50  | dark shale            | 1070 | ..                 |
| 10  | water sand            | 1085 | .. Bottom of hole. |

Knoeppel -

Well in SE corner of NW 1/4 of NE 1/4 Sec 6-23-19.

Graham Long, dupl.