

Plotted by Miller

33-13-23E

Company E. L. Smith & Co.

Sec. 33

T. 13

R. 23 E

Farm Day

No. 1

Loc. SW 1/4
SE 1/4 NW 1/4

Total Depth 950

County Johnson

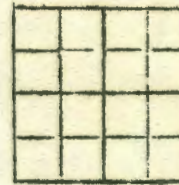
Comm. 6-11-20

Comp.

Shot or Treated

Contractor Earl Smith

Issued



Casing

| | |
|--------|-----------|
| 20 in. | 10 in. |
| 15 1-2 | 8 1-4 11' |
| 12 1-2 | 6 5-8 |
| 13 3-8 | 5 3-16 |

Elevation

Production

Figures Indicate Bottom of Formation

| | | | | | |
|------------|--------|-------|--------------------|-------|-----|
| Surface | | 11' | White shale | 873 | |
| Lime | White | 14 | Lime | 875 | |
| Shale | Yellow | 45 | Shale | White | 890 |
| Lime | White | 105 | Shale | Dark | 899 |
| Shale | Blue | 120 | Shale | White | 904 |
| Lime | | 140 | Shale | Dark | 920 |
| Shale | Blue | 150 | Mixed Colored Lime | 925 | |
| Lime | | 165 | Shale | Dark | 930 |
| Shale | Blue | 170 | Shale | White | 935 |
| Lime | | 205 | Shale | Dark | 945 |
| Shale | Blue | 220 | Salt Sand | 950 | |
| Lime | | 235 | | | |
| Shale | Blue | 242 | | | |
| Lime | White | 250 | | | |
| Shale | Blue | 254 | | | |
| Lime | | 315 | | | |
| Shale | | 327 | | | |
| Shale | Blue | 340 | | | |
| Sand & gas | | 350 ✓ | | | |
| St | Blue | 425 | | | |
| Bl | Grey | 430 | | | |
| Shale | White | 445 | | | |
| Shale | Black | 465 | | | |
| Shale | White | 477 | | | |
| St | Blue | 500 | | | |
| Li | | 504 | | | |
| Shale | Dark | 520 | | | |
| Lime | | 530 | | | |
| Shale | Blue | 539 | | | |
| Lime | | 544 | | | |
| Shale | Black | 550 | | | |
| Lime | Brown | 555 | | | |
| Red | Rock | 565 | | | |
| Shale | Blue | 595 | | | |
| Shale | White | 600 | | | |
| Sand & gas | | 620 | | | |
| Shale | Blue | 665 | | | |
| Shale | Sandy | 675 | | | |
| Shale | Blue | 835 | | | |
| Sand | Grey | 850 | | | |