

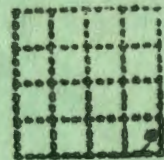
4-12-40
 I.R.

B.F. HAMMELL
 Ballard No. 1

SEC. 4 T. 12 R. 24E.
 CEL SE SE

Total Depth. 635
 Comn. 8-23-39 Comp. 11-22-39
 Shot or Treated.
 Contractor. B.F. Hammell
 Issued. 4-20-40

County Johnson.



CASING.

47/8" 235'

Elevation. R 870 F.G.

Production. DRY.

Figures Indicate Bottom of Formations.

| | | | |
|--------------|-----|------------------|---------------------|
| soil | 2 | lime and shale | 426 |
| gravel | 11 | shale blue | 435 |
| lime | 18 | slate | 440 |
| shale | 39 | shale | 448 |
| lime | 50 | lime | 451 |
| shale | 51 | slate | 453 |
| lime | 55 | shale | 460 |
| shale | 62 | shale sand | 480 |
| lime | 75 | slate shale lime | |
| shale | 77 | and sand | 490 |
| lime | 86 | sand | 498 Oil Sp |
| shale | 103 | shale lime | 512 |
| lime | 118 | sand shale | 547 |
| shale | 120 | lime coal | 551 |
| lime | 131 | shale | 554 |
| shale | 133 | lime | 560 Ardmore |
| lime | 139 | shale | 565 |
| shale | 145 | shale | 580 |
| lime | 168 | lime sand, | 585 oil showing. BV |
| slate | 170 | shale | 587 |
| lime | 172 | slate | 590 |
| shale | 177 | shale | 600 |
| lime Hertha | 192 | slate | 605 |
| shale | 197 | shale | 610 |
| shale red | 203 | shale | 615 |
| shale | 215 | slate and shale | 620 |
| sand | 240 | slate and shale | 625 |
| oil showing. | | shale | 630 |
| shale | 305 | slate and shale | 635 |
| sand | 320 | Total Depth. | |
| shale | 330 | | |
| shale coal | 337 | | |
| shale green | 344 | | |
| lime | 346 | | |
| shale green | 352 | | |
| sand | 360 | | |
| shale light | 362 | | |
| lime | 368 | | |
| shale | 375 | | |
| sand | 379 | | |
| shale | 403 | | |
| lime | 407 | | |
| slate sand | 412 | | |
| shale | 418 | | |

444

