# DRILLERS LOG

Company: MARK MORRISON

Farm: HEMPEN
Well No: H-4
API: 15-207-29210-00-00
Surface Pipe: 40'

Contractor: EK Energy LLC
License# 33977
County: WOODSON
Sec: 35 TWP: 26 Range: 16E
Location: 2805 FSL
Location: 3773 FEL
Spot: SW-SW-SE-NW

| Thickness | Formation | Depth | Remarks |
|---|---|---|---|
| | SOIL & CLAY | 6 | Drilled 9 7/8 Hole Set 7" |
| 40 | LIME | 46 | Drilled 5 7/8" HOLE |
| 111 | SHALE | 157 | |
| 21 | LIME | 178 | |
| 28 | SHALE | 206 | Started 3/10/2015 |
| 42 | LIME | 248 | Finished 3/12/2015 |
| 68 | SHALE | 316 | |
| 204 | LIME | 520 | |
| 116 | SHALE | 636 | T.D. Hole 912' |
| 10 | LIME | 646 | T.D. PIPE 907' |
| 86 | SHALE | 732 | |
| 30 | LIME | 762 | |
| 24 | SHALE | 786 | |
| 16 | LIME | 802 | |
| 6 | SHALE | 808 | |
| 4 | LIME | 812 | |
| 4 | SHALE | 816 | |
| 2.5 | OIL SAND | 818.5 | |
| 41 | SHALE | 860 | HARD 851-52 857 |
| 35 | OIL SAND | 895 | |
| | | | 860'-881' VERY GOOD |