# DRILLERS LOG

Company: MARK MORRISON

Farm: KIMBERLIN NORTH
Well No: P-1
API: 15-207-29348-00-00
Surface Pipe: 40.9'

Contractor: EK Energy LLC
License# 33977
County: WOODSON
Sec: 21 TWP: 26 Range: 16E
Location: 3880 FSL
Location: 2150 FEL
Spot: NE-NW-SW-NE

| Thickness | Formation | Depth | Remarks |
|---|---|---|---|
| | SOIL & CLAY | 13 | Drilled 9 7/8 Hole Set 7" |
| 25 | SHALE | 38 | Drilled 5 7/8" HOLE |
| 8 | LIME | 46 | |
| 140 | SHALE | 186 | |
| 48 | LIME | 234 | Started 7/28/2016 |
| 34 | SHALE | 268 | Finished 8/3/2016 |
| 66 | LIME | 334 | |
| 47 | SHALE | 381 | |
| 187 | LIME | 568 | T.D. Hole 1142' |
| 130 | SHALE | 698 | T.D. PIPE 1123' |
| 10 | LIME | 708 | |
| 74 | SHALE | 782 | |
| 36 | LIME | 818 | |
| 27 | SHALE | 845 | |
| 16 | LIME | 861 | |
| 5 | SHALE | 866 | |
| 3 | LIME | 869 | |
| 180 | SHALE | 1049 | |
| 8 | BROKEN SAND | 1057 | |
| 4 | GOOD OIL SAND | 1061 | |
| 5 | BROKEN SAND | 1066 | |
| 31 | OIL SAND | 1097 | |
| 1 | COAL | 1098 | |
| | SHALE | T.D. | |