| Marc A. Downing<br>Consulting Petroleum Geologist | Geologic Report<br>Drilling Time and Sample Log |
|---|---|

| | | | |
|---|---|---|---|
| Operator | Downing-Nelson Oil Co., Inc. | | Elevation |
| Lease | McClellan | No. 1-21 | KB 2260<br>DF 2258<br>GL 2252 |
| API # | 15-065-24127-0000 | | Casing Record<br>Surface<br>8 5/8" 221'<br>Production<br>None |
| Field | Morel | | |
| Location | 1180' FSL & 959' FEL | | Electrical Surveys<br>None |
| Sec. 21 | Twp. 9s | Rge. 21w | |
| County Graham | State Kansas | | |

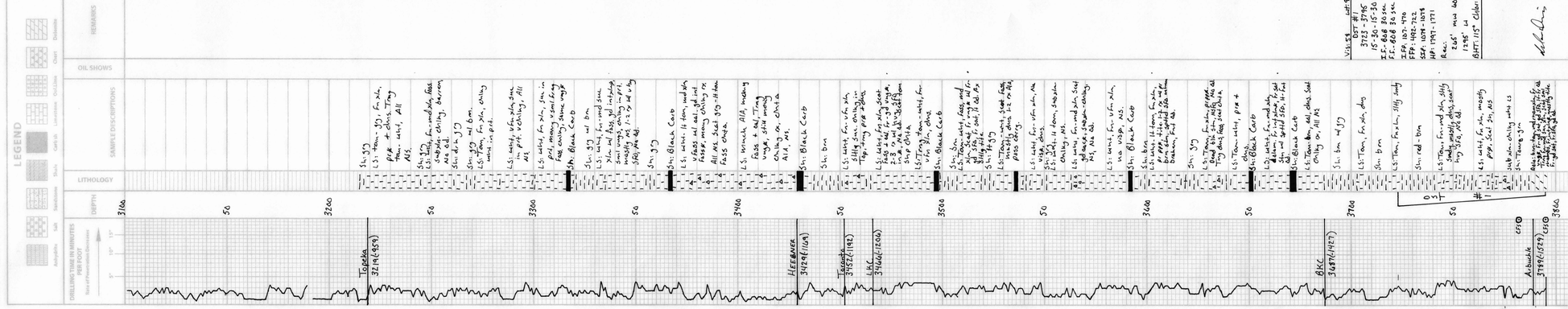
| Formation | Sample tops | Log Tops | Datum | Struct Comp |
|---|---|---|---|---|
| Top Anhydrite | 1717 | | +543 | +7 |
| Base Anhydrite | 1750 | | +510 | +2 |
| | | | | |
| Topeka | 3219 | | -959 | +3 |
| Heebner | 3429 | | -1169 | +11 |
| Toronto | 3452 | | -1192 | NA |
| LKC | 3466 | | -1206 | +8 |
| BKC | 3687 | | -1427 | NA |
| Arbuckle | 3789 | | -1529 | +5 |
| | | | | |
| Total Depth | 3795 | | -1535 | |

Reference Well For Structural Comparison Barnett Drilling Co.
Felt #1____NE NE SE____Sec. 21-9s-21w

| Drilling Contractor | Discovery Drilling, Rig #2 | | |
|---|---|---|---|
| Commenced 2-24-17 | Completed | | 3-1-17 |
| Samples Saved From | 3200 | To | RTD |
| Drilling Time Kept From | 3100 | To | RTD |
| Samples Examined From | 3200 | To | RTD |
| Geological Supervision From | 3200 | To | RTD |

## Summary and Recommendations

**Due to structural position and DST recovery, it was decided to plug and abandon the well.**

Respectfully Submitted,

Marc A. Downing