# Geologic Report

Drilling Time and Sample Log

Hard Rock Consulting, Inc.

| | | | |
|---|---|---|---|
| Operator | **American Warrior, Inc.** | | Elevation |
| | | KB | 2180' |
| Lease | **EHT-Suppes Unit** | No. **1** | DF |
| | | GL | 2174' |
| API # | **15-135-25674-0000** | Casing Record | |
| | | Surface | 8-5/8" @ 222' |
| Field | **Wildcat** | Production | None |
| Location | **2640' FSL & 650' FEL** | | Electrical Surveys |
| Sec. **17** | Twp. **18s** | Rge. **21w** | None |
| County | **Ness** | State | **Kansas** |

| Formation | Log Tops | Sample Tops | Struct Comp |
|---|---|---|---|
| | | | |
| Anhydrite | | 1436' +744 | FL |
| Base | | 1469' +711 | +2 |
| | | | |
| Heebner | | 3649' -1469 | -6 |
| Lansing | | 3695' -1515 | -8 |
| BKc | | 4014' -1834 | -7 |
| Pawnee | | 4086' -1906 | -1 |
| Fort Scott | | 4164' -1984 | FL |
| Cherokee | | 4186' -2006 | -3 |
| Mississippian | | 4269' -2089 | -5 |
| | | | |
| Total Depth | | 4277' -2097 | |
| | | | |
| | | | |
| | | | |

Reference Well For Structural Comparison **American Warrior, Inc. EHT #1-17**
**2560' FNL & 2310' FWL Sec. 17 T18s R21w Ness Co. Kansas**

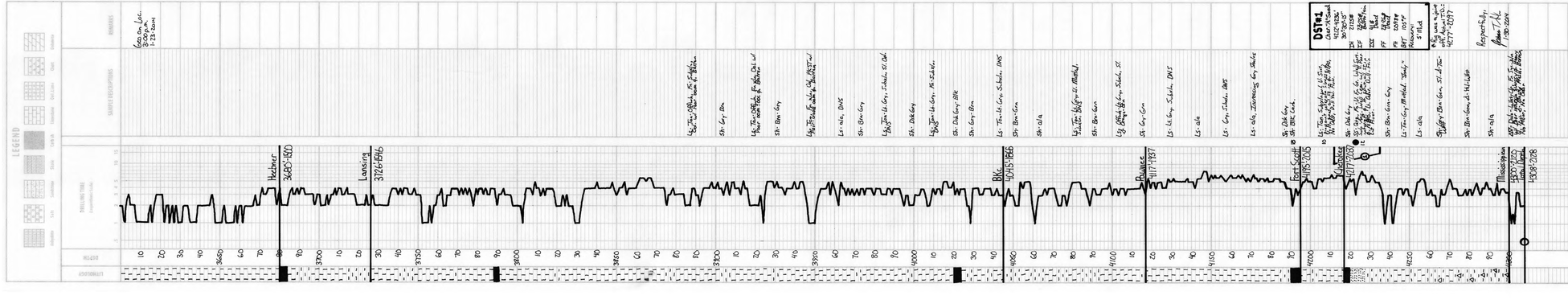
| | | | | |
|---|---|---|---|---|
| Drilling Contractor | **Petromark Drilling, LLC. Rig #1** | | | |
| Commenced | **1-18-2014** | Completed | **1-25-2014** | |
| Samples Saved From | **3900'** | To | RTD | |
| Drilling Time Kept From | **3600'** | To | RTD | |
| Samples Examined From | **3900'** | To | RTD | |
| Geological Supervision From | **3900'** | To | RTD | |

Displacement **3500'** Mud Type **Chemical**

## Summary and Recommendations

**The location for the EHT-Suppes Unit #1 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. One Drill Stem Test was conducted which was negative. After all gathered data had been examined the decision was made to plug and abandon the EHT-Suppes Unit #1 well.**

**Rig was one joint off on their pipe tally. The sample tops given are all corrected for the error.**

Respectfully Submitted,

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