

**Robert Hendrix**  
Wellsite Geologist

**GEOLOGIST'S REPORT**  
DETAILED TIME AND SAMPLE LOG

Company: **Murfen Drilling Co., Inc.** Elevation: **3051**

Lease: **W-114** Well: **4974**

Location: **460 FNL 1400 FEL** Sec **14** Twp **19** Rng **34** W

County: **Scott** State: **Kansas**

Drilling Time: **8-29-2011** to **9-4-2011**

Driller: **Robert D. Hendrix**

Well: **4974** (RTD)

Depth: **3100'** to **4974'**

Drilling Time (min): **3100'** to **4974'**

Rate of Penetration (ft/min): **3100'** to **4974'**

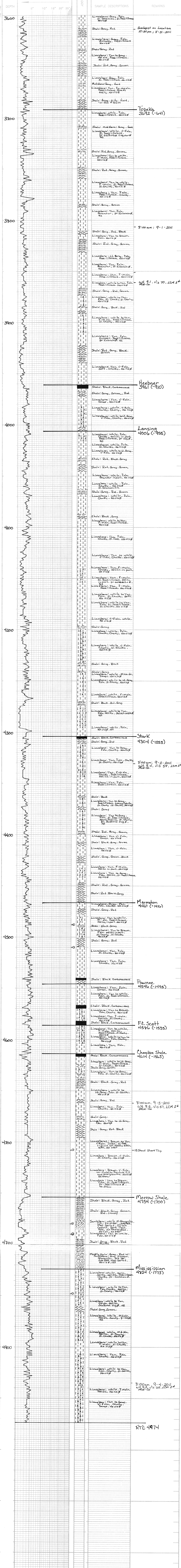
Remarks: **This Test had no shows and ran low to comparison wells. It is to be plugged and abandoned.**

*Respectfully Submitted*  
**Robert D. Hendrix**

**LEGEND**

	Amnhydrite		Salt		Sandstone		Shale		Gross		Limestone		Grit		Dolomite
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**SCALE** 1" = 100'



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WELL: **4974** STATE: **Kansas**

DEPTH: **3100'** to **4974'** ELEVATION: **KB-3051**

DATE: **8-29-2011** to **9-4-2011**

DRILLER: **Robert D. Hendrix**