

# Saman Sharifaie

## Petroleum Geologist

### GEOLOGIST'S REPORT

### DRILLING TIME AND SAMPLE LOG

COMPANY **Martin Drilling Co, Inc.**  
 LEASE **Barley #1-17**  
 FIELD **Widcat**  
 LOCATION **660' FN1 & 650' FEL**  
 SEC **17** TWP **16S** R **27W**  
 COUNTY **Lane** STATE **Kansas**  
 CONTRACTOR **Martin Drilling #21**  
 RUD **09/09/13** COMP **09/18/13**  
 SPUD **4690'** LTD **4687'**  
 MUD UP **3180'** TYPE MUD **Chemical**  
 SAMPLES SAVED FROM **3610'** TO **RTD**  
 DRILLING TIME KEPT FROM **3610'** TO **RTD**  
 SAMPLES EXAMINED FROM **3610'** TO **RTD**

ELEVATIONS  
 KB **2720'**

DEF **2709'**  
 Measurements Are All From Kelly Bushline  
 CASING CONDUCTOR SURFACE **8-5/8"** at 222'  
 PRODUCTION **NA**

REFERENCE Wellbore: **Fowler Hwtline**  
 GEOLOGICAL SUPERVISION FROM **3310'**  
 REFERENCE Wellbore: **Williams Bentley #1**

Formation	Sample Tops	E-log Tops	Feet
Anhydrite	2154 (+570)	2154 (+566)	-7
Base Anhydrite	2181 (+539)	2186 (+534)	-2
Tomoka	3715 (+905)	3714 (+904)	-1
Heebner	3657 (+1237)	3654 (+1234)	-2
Leedsburg	3095 (+1225)	3093 (+1273)	-1
Sims	4242 (+1522)	4239 (+1519)	-7
Pravda	4398 (+1678)	4394 (+1674)	-7
Ft Scott	4490 (+1774)	4490 (+1770)	-8
Mississippian	4590 (+1870)	4581 (+1861)	+8

REMARKS Due to very poor to poor shows of oil in multiple pay zones and negative DST results, it is recommended and agreed upon by all parties that this well shall be plugged and abandoned.

Respectfully Submitted,  
 Saman Sharifaie  
 Petroleum Geologist

API #15-101-22461

\*Tops have been adjusted to electric logs

