

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY: **SHAKESPEARE OIL CO.**
 LEASE: **T&E Farming #1-11**
 FIELD: **Wildcat**
 LOCATION: **1370' FUL, 1730' FEL**
 SEC: **11 T1MSP 13S R0E 32W**
 COUNTY: **Logan STATE Kansas**

CONTRACTOR: **HD Drilling Rig #2**
 SPUD: **2-29-12** COMP: **3-11-12**
 RTD: **4710'** LTD: **4707'**
 MUD UP: **3300'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3750'** to **RTD**
 DRILLING TIME KEPT FROM: **3750'** to **RTD**
 SAMPLES EXAMINED FROM: **3750'** to **RTD**
 GEOLOGICAL SUPERVISION FROM: **3900'** to **RTD**

GEOLOGIST ON WELL: **Tim Priest**

FORMATION TOPS: **ELECTRIC LOG** SAMPLE
 B/Anhydrite: **2538 (+480)** **2543 (+475)**
 Heebner Shale: **3999 (-981)** **4003 (-985)**
 Lansing: **4270 (-1252)** **4276 (-1258)**
 B/K.C.: **4341 (-1323)** **4346 (-1328)**

Fort Scott: **4521 (-1503)** **4525 (-1507)**
 Cherokee Shale: **4548 (-1530)** **4552 (-1534)**
 Johnson Zone: **4590 (-1572)** **4593 (-1575)**
 Mississippian: **4638 (-1620)** **4640 (-1622)**

ELEVATIONS: **KB 3018'**
 DF: _____
 GL: **3008'**

Measurements Are All From **KB**

CASING: _____
 CONDUCTION: **N/A**
 SURFACE: **8-5/8" @224'**
 PRODUCTION: **4-1/2" @4710'**

ELECTRICAL SURVEYS: **CND/D/SP/PE**
 GEOLOGIST: **By: Weatherford**

REMARKS: Due to the results of DST #4, it was decided to set production casing to further test the well

Respectfully Submitted,
 Tim Priest
 Petroleum Geologist

API #15-109-21022
