

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY: **SHAKESPARE OIL CO.**
 LEASE: **Andersen L-3**
 FIELD: **Wildcat**
 LOCATION: **4507 FSI, 335th FWL**
 SEC: **3** TWP: **13S** R: **32W**
 COUNTY: **Logan** STATE: **Kansas**

CONTRACTOR: **HD Drilling Rig #2**
 SPUD: **8-5-14** COMP: **8-17-14**
 RTD: **4730'** LTD: **4725'**
 MUD UP: **3500'** 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: **3800'** to RTD

GEOLOGIST ON WELL: **Tim Priest**

FORMATION TOPS: **ELECTRIC LOG** SAMPLE
 Anhydrite: **2524 (+S21)** 2529 (+S16)
 Heebner Shale: **3992 (+S47)** 3999 (+S54)
 Lansing: **4038 (+S93)** 4043 (+S98)
 Stark: **4268 (+1223)** 4275 (+1230)
 B.K.C.: **4335 (+1290)** 4344 (+1299)
 Fort Scott: **4524 (+1479)** 4529 (+1484)
 Cherokee Shale: **4594 (+1549)** 4598 (+1553)
 Johnson Zone: **4654 (+1609)** 4662 (+1617)
 Mississippian

CONDUCTIONS: **N/A**
 CASING: **8-5/8" @264'**
 SURFACE: **5-1/2" @730'**
 PRODUCTION: **5-1/2" @730'**

Measurements Are All From **KB**

REMARKS: Due to the results of DST #2, it was decided to set production casing to further test the well.

Respectfully Submitted,

API #15-109-21316 Tim Priest
 Petroleum Geologist

