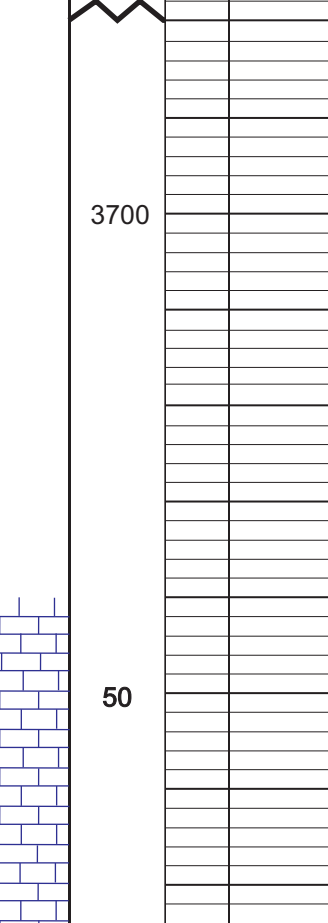


**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY **SHAKESPEARE OIL CO.** EL ELEVATIONS  
 LEASE **BURNS #1-19** KG 2887'  
 FIELD **Wildcat** DF \_\_\_\_\_  
 LOCATION **1600' EUL, 335' FWL** GL 2877'  
 SEC **19** TWP **13S** R **30W**  
 COUNTY **Grave** STATE **Kansas** Measurements Are All From **KB**  
 CONTRACTOR **HD Drilling Rig #2**  
 SPUD **12-11-14** COMP \_\_\_\_\_  
 RTD **3600'** LTD \_\_\_\_\_ CASING CONDUCTION **N/A**  
 MUD UP **3600'** TYPE MUD **Chemical** SURFACE **8-5/8" @ 261'**  
 SAMPLES SAVED FROM **3700'** to **RTD** PRODUCTION \_\_\_\_\_  
 DRILLING TIME KEPT FROM **3700'** to **RTD**  
 SAMPLES EXAMINED FROM **3700'** to **RTD**  
 GEOLOGICAL SUPERVISION FROM **3800'** to **RTD**  
 GEOLOGIST ON WELL **Tim Priest** By: **Weatherford**

FORMATION TOPS

FORMATION	ELECTRIC LOG	SAMPLE
Anhydrite	2338 (+549)	2338 (+549)
Heebner Shale	3907 (-1020)	3909 (-1022)
Austin	3950 (-1063)	3952 (-1065)
Stark	4186 (-1299)	4188 (-1301)
BRC	4260 (-1373)	4264 (-1377)
Fort Scott	4444 (-1559)	4448 (-1559)
Cherokee Shale	4473 (-1586)	4476 (-1589)
Mississippian	4545 (-1658)	4577 (-1690)



REMARKS The Burns #1-19 was plugged as a dry hole.

Respectfully Submitted, \_\_\_\_\_

API #15-063-22203-00-00

Tim Priest  
 Petroleum Geologist

Toby Eck  
 Geologist

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