

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY **SHAKESPARE OIL CO.** ELEVATIONS
 LEASE **Baham I-16** KG 3143'
 FIELD **Wildcat** DF _____
 LOCATION **2375' TNSL 1320' FEL** GL 3133'
 SEC **16** TMSP **16S** ROE **34W**
 COUNTY **Scott** STATE **Kansas** Measurements Are All From **KB**

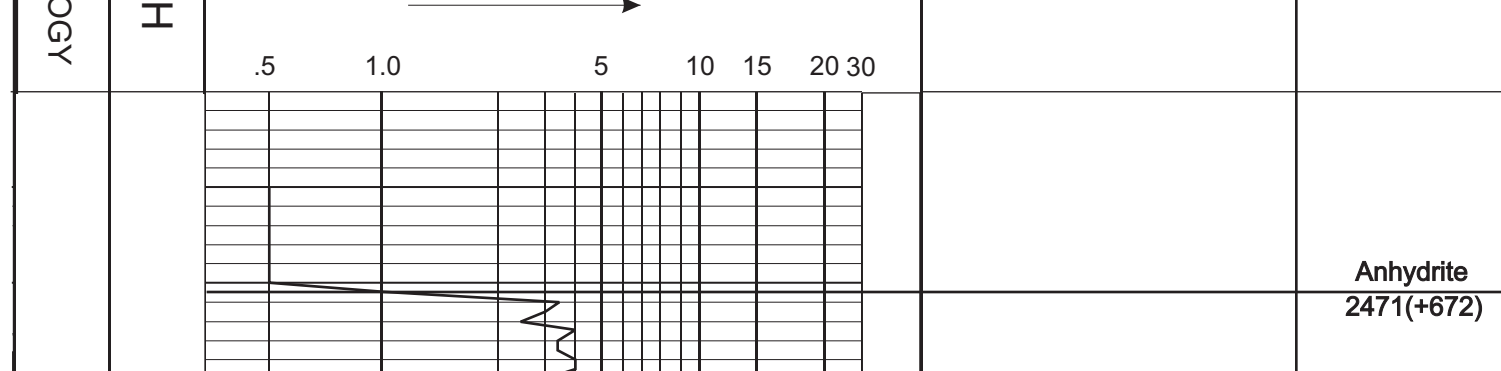
CONTRACTOR **HD Rite 2** From **KB**
 SPUD **1-28-14** COMP **2-9-14**
 RTD **4880'** LTD **4882'** CASING
 MUD UP **3500'** TYPE MUD **Chemical** CONDUCTION **N/A**
 SAMPLES SAVED FROM **3800'** to RTD SURFACE **8-5/8" @ 263'**
 DRILLING TIME KEPT FROM **3800'** to RTD PRODUCTION **None**
 SAMPLES EXAMINED FROM **3800'** to RTD ELECTRICAL SURVEYS
 GEOLOGICAL SUPERVISION FROM **3900'** to RTD CND/D/SP/P/E
 GEOLOGIST ON WELL **Tim Priest** Micro sonic
 By: **Weatherford**

FORMATION TOPS ELECTRIC LOG SAMPLE
 Anyvrite 2474 (+675) 2471 (+672)
 Heebner Shale 4008 (-865) 4006 (-863)
 Lansing 4050 (-907) 4050 (-907)
 SARC 4326 (-1183) 4325 (-1182)
 BRC 4421 (-1278) 4419 (-1276)
 Fort Scott 4597 (-1452) 4595 (-1454)
 Cherokee Shale 4625 (-1482) 4624 (-1481)
 Mississippi 4803 (-1660) 4804 (-1661)

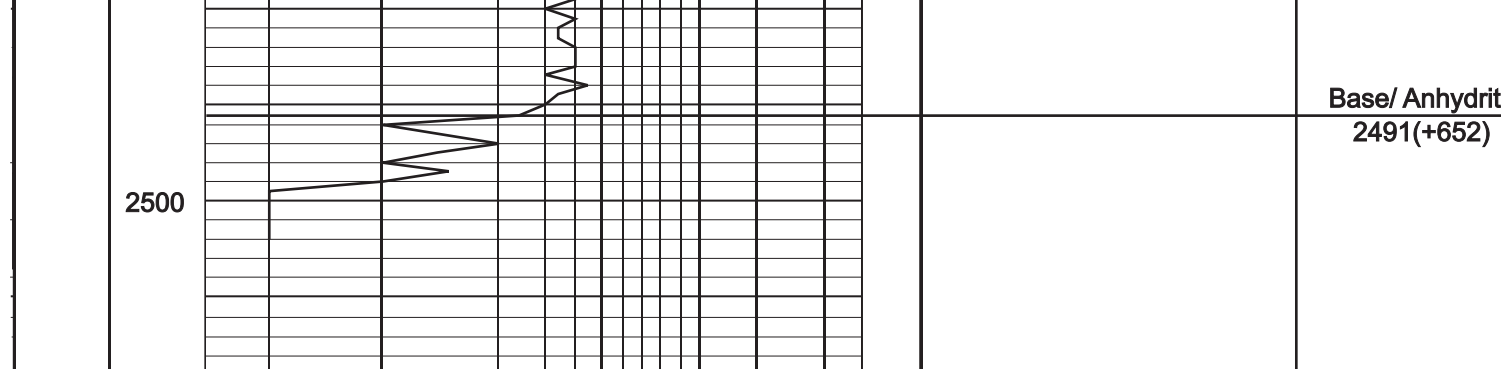
REMARKS Due to the lack of shows and negative drill stem tests, it was decided to plug and abandon the well.

Respectfully Submitted,
 Tim Priest
 Petroleum Geologist

API #15-171-21016-00-00



| DEPTH | DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases | SAMPLE DESCRIPTION | REMARKS |
|-------------|--|--|--|
| 2471 (+672) | | | Anhydrite |
| 2491 (+652) | | | Base/ Anhydrite |
| 2500 | | | |
| 3800 | | | |
| 3900 | | Ls crm-gry mottd, fos, sli chky, p-f int xtl-pp por, NS Sh blk, carb Sh/SS red-gry, fn-med grn, p sort, friable, NS Ls crm-tan-gry, fn xtl, arg in prt no vis por Sh grn-gry, calc Ls tan, vfn xtl, sli fos, dnse Sh blk, carb Ls crm-lt gry, fos, chky, p-f int xtl & int frag por, NS Ls crm, vfn xtl, chty, dnse Sh red-maroon Ls crm-tan, fn xtl, fos, p-f int xtl-pp por, NS Ls crm-tan, fn xtl, fos, f int xtl-pp por, NS | Heebner 4006 (-863) Toronto 4023 (-880) |
| 4000 | | | |
| 4100 | | Ls crm-lt gry, fn xtl, fos, v chky, f int xtl-pp por, NS Sh red-grn, calc Ls crm-lt gry, fn xtl, fos, chky, f int xtl & int frag por, NS Sh gry-dk gry Sh grn-gry Ls crm-lt gry, fn xtl, fos-sub ool, chky, p-f int xtl-pp por, NS Sh red-grn Ls crm, fn xtl, fos, v chky, p-f int xtl-pp por, NS Ls crm-lt gry, vfn xtl, sli chky, dnse Ls crm-lt gry, fn xtl, fos, chky, p-f int xtl-pp por, NS Sh grn-gry Ls crm-lt gry, fn xtl, fos-ool, si chky, f int frag por, sptd stn, VSSFO, no odor, sli fluor Sh blk, carb Ls crm-lt gry, vfn xtl, dnse Ls crm-lt gry, fn xtl, sli fos, chky, p-f int xtl-pp por, NS Sh grn-gry Ls crm-lt gry, fn xtl, fos-ool, si chky, f int frag por, NS Ls crm-lt gry, vfn xtl, dnse Ls crm-tan, fn xtl, fos, chky, p int xtl por, NS Ls crm-lt gry, fn xtl, fos, chky, p-f int xtl-pp por, NS Sh gry-dk gry Ls gry, vfn xtl, dnse | Muncie Creek 4235 (-1092) |
| 4200 | | | |
| 4300 | | Sh blk, carb Ls lt gry, vfn xtl, chty, dnse Sh red-gry, calc Ls crm, fos-ool, chky, p-f int frag-ool por, NS Ls crm-tan, vfn xtl, sli chky, dnse Ls crm-tan, fn xtl, fos, dnse Sh blk, carb Sh lt gry-gry Ls crm-tan, vfn xtl, chty, dnse Ls crm-lt gry, fn xtl, fos-ool, sli chky, p-f int xtl & int frag por, NS Sh grn-gry, vfn xtl, dnse Sh grn-gry Ls lt gry, mic xtl, dnse Ls crm-lt gry, fn xtl, fos, chky, p-f int xtl-pp por, NS Sh blk, carb | Stark 4325 (-1182) |
| 4400 | | | |
| 4500 | | Sh gry-dk gry Ls tan, vfn xtl, dnse Sh gry-dk gry Ls crm-lt gry, fn xtl, fos, v chky, p-f int xtl-pp por, NS Sh blk, carb Ls tan, vfn xtl, dnse Sh gry-dk gry Ls crm-lt gry, fn xtl, p-f int xtl-pp por, NS Sh blk, carb Sh gry-dk gry Ls lt gry, fn xtl, fos, sli chky, p int xtl & int frag por, NS Ls crm-tan, vfn xtl, arg in prt Sh var col, silty, calc in prt Sh var col, silty Ls crm-tan, vfn xtl, dnse Sh gry-dk gry, calc Ls crm-lt gry, fn xtl, fos, NS Ls chky, p int xtl-pp por, NS Ls lt gry-gry, fn xtl, dnse, w/ int bed gry Sh Ls crm-lt gry, fn xtl, fos-ool, p-f int frag por w/lew vugs, sptd-sli sat stn, SSFO, sli odor, dull fluor Sh red-grn-gry Ls crm-tan-brn, mic xtl, dnse Sh red-maroon-gry Ls crm-lt gry, vfn xtl, fos, sli chky, dnse, w/gry Sh Ls gry, mic xtl, dnse Ls tan-gry, fn xtl, fos-ool, chky, p-f int frag por, NS Sh blk, carb Ls tan-gry, vfn xtl, arg in prt | Marmaton 4466 (-1323) DST # 1 (4451'-4500') 30"-30"-30" #F: Surface blow, no return #FF: Surface blow, no return Rec: 65' OSM Fps: 20-33#/05-48# SIFPs: 1210#/221# HSPs: 2104#/211# SHIT: 109 deg F |
| 4600 | | | |
| 4700 | | Ls crm-lt gry, fn xtl, fos, chky, p-f int xtl-pp por, NS Sh blk, carb Ls tan-gry, vfn xtl, sli fos, sli chky, dnse Sh gry-dk gry, calc in prt Sh blk, carb Ls tan, vfn xtl, fos, chty, dnse Sh blk, carb Ls crm-tan-gry, vfn xtl, sli ool in prt, no vis por, NS Ls tan-gry, vfn xtl, sli fos, sli chky, dnse Sh grn-gry Ls crm-gry, vfn xtl, sli chky, dnse Sh blk, carb Ls gry-tan, fn xtl, fos, chky, f-gd int xtl & int frag por, NS Sh dk gry Ls gry, mic xtl, dnse Sh blk, carb Ls tan-gry, mic xtl, chty, dnse Sh blk, carb Ls tan, mic xtl, dnse Sh grn-gry-dk gry Ls tan-gry, mic xtl, dnse Ls crm-tan-lt gry, vfn xtl, p int xtl & p-f pp-vug por, sptd-sli sat stn, SFO, f odor, dull fluor Ls crm-tan-gry, vfn xtl, chty, dnse Sh gry-blk Ls crm-tan-gry, vfn xtl, sli chky, dnse Ls crm-lt gry, fn xtl, p int xtl-pp por, sptd stn on 2pcs, SSFO, (floating), sli odor, dull fluor Ls crm-tan-gry, vfn xtl, dnse Var col shale & silts, calc Sh var col SS lt gry-lt grn, fn grn, well cement, sli fria, NS SS lt gry, fn-med grn, f-p cem, sli fria, NS SS lt gry, fn-med grn, well cement, sli fria, NS w/int bed gry shale Sh var col, silty-sli sandy | DST # 2 (4648-4725') 30"-30"-30" #F: Surface blow, no return #FF: Surface blow, no return Rec: 15' OSM Fps: 24-29#/07-29# SIFPs: 174#/09# HSPs: 2301#/2256# SHIT: 108 deg F |
| 4800 | | | |
| 4880 | | | |
| Total Depth | | | 4880' (-1737') |



| DEPTH | LITHOLOGY |
|-------------|-----------------|
| 2471 (+672) | Anhydrite |
| 2491 (+652) | Base/ Anhydrite |
| 2500 | |
| 3800 | |
| 3900 | |
| 4000 | |
| 4100 | |
| 4200 | |
| 4300 | |
| 4400 | |
| 4500 | |
| 4600 | |
| 4700 | |
| 4800 | |
| 4880 | |