

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Co. Inc.**
 LEASE **Downing B #1-1**
 FIELD **Scoda**
 LOCATION **1980 1st & 1910' fwl**
 SEC **1** TWP **1** RGE **36**
 COUNTY **Rawlins** STATE **Kansas**
 CONTRACTOR **Murfin Drilling Co. Inc. Rig 2**
 SPUD **1/2/2014** COMP **1/5/2014**
 RTD **4:540'** LTD **4:540'**
 MUD UP **3:28:4'** TYPE MUD **Chemical**
 CONDUCTOR _____
 SURFACE **8:5:18' at 2:29'**
 PRODUCTION **5:1:29' @ 5:28'**

ELEVATIONS
 KB **3222'**
 DF _____
 GL **3211'**
 Measurements Are All From **Kelly Bushing**

CASING
 CONDUCTOR _____
 SURFACE **8:5:18' at 2:29'**
 PRODUCTION **5:1:29' @ 5:28'**

DRILLING TIME KEPT FROM **3:540'** TO **TD**
 SAMPLES EXAMINED FROM **3:540'** TO **TD**

SAMPLES SAVED FROM **3:540'** TO **TD**

ELECTRICAL SURVEYS
 POWER ELECTRICAL SERVICES
 BENTON/INDUSTRIAL/KENTON/STONE

GEOLOGICAL SUPERVISION FROM **3697'**
 GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	3150 (-72)	3631 (-400)
Neva	3637 (-415)	3743 (-521)
Topeka	3748 (-526)	3949 (-727)
Oread	3957 (-735)	4167 (-945)
Lansing	4176 (-954)	
Stark Shale	4393 (-1171)	
BKC	4442 (-1220)	



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REMARKS:

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