

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Co. Inc.**

LEASE **Virginia A #1-11**

FIELD **Wickcat**

LOCATION **22701n1 & 22501e1**

SEC. **11** TWPSP **1s** RGE **36w**

COUNTY **Rawlins** STATE **Kansas**

CONTRACTOR **Murfin Drilling Co. Inc. Rig #2**

SPUD **8/6/2014** COMP **8/14/2014**

RTD **4/752'** LTD **4/754'**

RWD UP **3253'** TYP MUD **Chemical**

SAMPLES SAVED FROM **3540'** TO **1TD**

DRILLING TIME KEPT FROM **3540'** TO **1TD**

SAMPLES EXAMINED FROM **3540'** TO **1TD**

GEOLOGICAL SUPERVISION FROM **3560'**

GEOLOGIST ON WELL **Robert D. Hendrix**

INFORMATION TOPS

ANhydrite

NeVa

Topeka

Oread

Lansing

Stark Shale

BKC

Pawnee

Cherokee Shale

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	31561 (-666)	31551 (-672)
NeVa	36361 (-414)	36351 (-413)
Topeka	39571 (-235)	39561 (-234)
Oread	40711 (-849)	40691 (-847)
Lansing	41711 (-948)	41701 (-948)
Stark Shale	43901 (-1148)	43892 (-1170)
BKC	44411 (-1214)	44411 (-1213)
Pawnee	45611 (-1339)	45611 (-1338)
Cherokee Shale	46401 (-1418)	46401 (-1418)

KB **3222'**

DF

GL **3211'**

Measurements Are All From **Kelly Bushing**

CASING

CONDUCTOR

SURFACE **8-7/8" 84' 2225'**

PRODUCTION **5 1/2"**

Best/Offshore/Midrange/Sea
Pioneer Weather Services

ELECTRICAL SURVEYS

REMARKS:

