

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY: **Murfin Drilling Company, Inc.**

LEASE: **Carolyn 'A' #1-24**

FIELD: **Wildcat**

LOCATION: **400' E1 & 600' T41**

SEC: **24** TWP: **1S** RGE: **37W**

COUNTY: **Cheyenne** STATE: **Kansas**

CONTRACTOR: **Wurfin Drilling Co. Inc. #24**

SPUD: **3/22/2017** COMP: **4/9/2017**

R/D: **5076'** LTD: **5078'**

M/D UP: **3406'** TYP MUD: **Chemical**

SAMPLES SAVED FROM: **3640'** TO: **TD**

DRILLING TIME KEPT FROM: **3640'** TO: **TD**

SAMPLES EXAMINED FROM: **3640'** TO: **TD**

GEOLOGICAL SUPERVISION FROM: **3594'**

GEOLOGIST ON WELL: **Robert D. Hendrix**

DATE: **4/23/2017**

WELL: **3342'**

DF: **3337'**

GL: **3337'**

MEASUREMENTS ARE ALL FROM: **Kelly Bushing**

CASING: **13-3/8" @ 242'**

CONDUIT: **5-1/2" @ 5069'**

PRODUCTION: **5-1/2" @ 5069'**

API# **15-023-21463**

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	3236 (+106)	3242 (+100)
Neva	3710 (-376)	3717 (-376)
Foraker	3823 (-481)	3822 (-480)
Topoka	4032 (-700)	4031 (-699)
Oread	4181 (-859)	4181 (-859)
Lansing	4265 (-920)	4264 (-922)
BKC	4533 (-1191)	4533 (-1191)
Cherokee Shale	4738 (-1396)	4740 (-1398)
Mississippian	4976 (-1634)	4976 (-1634)

REMARKS:

