

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY: **Murfin Drilling Company Inc.**

LEASE: **Burk Trust C #4-22**

FIELD: **East Fork**

LOCATION: **11007sl & 4707el**

SEC: **22** TWP: **1s** RGE: **36w**

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

CONTRACTOR: **Murfin Drilling Co. Inc. Klg #2**

RTD: **5/26/2014** COMP: **6/5/2014**

SPUD: **4:53:37** LTYE: **4:34:00**

MUD UP: **3:41:00** TYPE MUD: **Chemical**

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

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

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

GEOLOGICAL SUPERVISION FROM: **3510'**

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

PROVENY: **Industrious Men Service**
Former Energy Services

ELECTRICAL SURVEYS

PRODUCTION: **5.1/2" @ 4531'**
SURFACE: **8.5/8" @ 4531'**

CASING

CONDUCTOR: **at 221'**

MEASUREMENTS ARE ALL FROM: **Kelly Bushing**

ELEVATIONS

KB: **3249'**

FORMATIONS TOPS

ANHYDRITE: **3144' (+105)**

NEVA: **3634' (-385)**

FORAKER: **3742' (-493)**

TOPEKA: **3960' (-711)**

OREAD: **4072' (-823)**

LANSING: **4174' (-925)**

STARK SHALE: **4394' (-1145)**

BKC: **4444' (-1195)**

ELECTRIC LOG

SAMPLE

3144' (+104)

3634' (-385)

3742' (-496)

3962' (-713)

4072' (-823)

4174' (-925)

4394' (-1146)

4437' (-1188)

4437' (-1188)

API# 15-153-21017

REMARKS:

LEGEND

	Anhydrite
	Sandstone
	Limestone
	Shale
	Carb Sh
	Cherty LS
	Chert
	Dolomite

