

# Robert D. Hendrix

## Petroleum Geologist

### GEOLOGIST'S REPORT

#### DRILLING TIME AND SAMPLE LOG

COMPANY **Murphy Drilling Co. Inc.**

LEASE **Mary Ann #3-1**

FIELD **3307fml & 21907fml**

LOCATION **1 TWSP 1s RGE 36W**

COUNTY **Rawlins STATE Kansas**

CONTRACTOR **Murphy Drilling Co. Inc. rig #14**

SPUD **8/13/2013 COMP 8/20/2013**

RTD **4458' LPE 4458'**

MUD UP **3300' TYPE MUD Chemical**

SAMPLES SAVED FROM **3440' TO 4458'**

DRILLING TIME KEPT FROM **3400' TO 4458'**

SAMPLES EXAMINED FROM **3440' TO 4458'**

GEOLOGICAL SUPERVISION FROM **3461'**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS

ELECTRIC LOG

ANHYDRITE

NEVA

FORAKER

TOPEKA

OREAD

LANSING

STARK SHALE

BKC

KB 3133'

DF

GL 3123'

Measurements Are All From Kelly Busting

CASING

CONDUCTOR

SURFACE 8-7/8" @ 265'

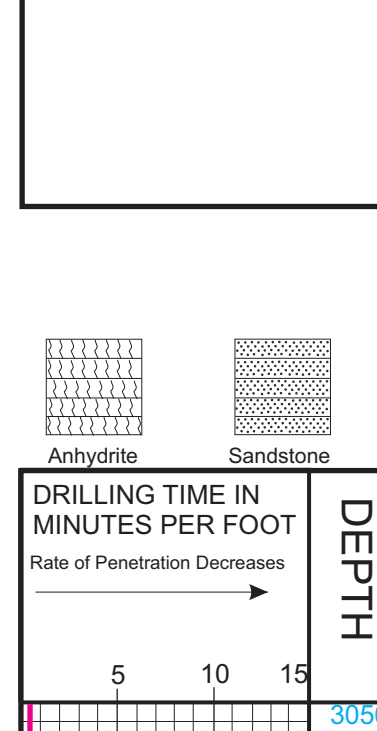
PRODUCTION 5-1/2"

ELECTRICAL SURVEYS

Possible/Indication/MicroSeismic

Promer Energy Services

AP7# 15-153-20839



REMARKS: *It is recommended that casing be set to further evaluate the Lansing D zone after positive DST #3.*

### LEGEND

