

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Company Inc.**

LEASE **Befort #1-12**

FIELD **Dechant**

LOCATION **1750 F.S.L & 350 F.W.L**

SEC **12** TWP **15 S** RGE **19 W**

COUNTY **Ellis** STATE **Kansas**

CONTRACTOR **Murfin Drilling Rig #2**

SPUD **3/1/2013** COMP **3/8/2013**

RTD **3/7/2013** LTD **3/7/2013**

MUD UP **2500'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **2930'** TO **RTD**

DRILLING TIME KEPT FROM **2930'** TO **RTD**

SAMPLES EXAMINED FROM **2930'** TO **RTD**

GEOLOGICAL SUPERVISION FROM **2904' to RTD**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS

ELECTRIC LOG

SAMPLE

ANHYDRITE

TOPEKA

HEEBNER

LANSING

BKC

ARBUCKLE

ELEVATIONS
KB 2065'

Measurements Are All From **Kelly Bushings**

CASING
CONDUCTOR SURFACE **5.8" at 223'**
PRODUCTION **5.12"**

ELECTRICAL SURVEYS
DIL / CN-CD
MICRO/SONIC
Pioneer

Anhydrite	1256 (-809)	1258 (-807)
Topeka	3033 (-967)	3045 (-977)
Heebner Sh.	3306 (-1241)	3305 (-1240)
Lansing	3352 (-1287)	3351 (-1286)
StarK Sh.	3548 (-1483)	3545 (-1480)
BKC	3597 (-1532)	3591 (-1526)
Arbuckle	3652 (-1587)	3652 (-1587)



REMARKS:
Due to the positive results on the DST #3 and good structural position it is recommended that casing be set to further test this zone.

LEGEND

