API # 15-101-22424-00-00

GEOLOGICAL REPORT

DRILLING TIME & SAMPLE LOG

PREPARED BY: BRADLE CHALDER GEOLOGIST

COMPANY MURFIN DRLG CO.

LEASE DOUGH BENTLEY #1-5

FIELD

LOCATION 1955 FSL & 1871 FEL

SEC. 5 TWSP. 16S RGE. 27W

COUNTY LANE STATE KANSAS

CONTRACTOR MURFIN RIG #21

SPUD 03/20/2013

SAMPLES SAVED FROM 3500 TO TD

ELEVATION

K.B. 2611

D.F.

G.L. 2600

DEPTH MEASURED FROM KB

Log 1984 D-G 1988

Surface 20ft & 5/8"

Production

Depth Logged

RG, DI, Sonic

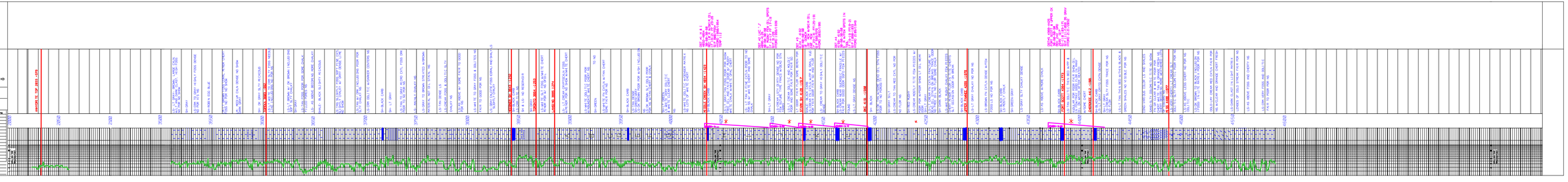
Dual Comp Neutron

FORMATION	SAMPLE	E.LOG	DATUM
HEEBNER TR	3812	3812	-1201
TORONTO TR	3831	3831	-1220
LANSING TR	3845	3845	-1234
KC "A"	3866	3865	-1254
KC "B"	3889	3890	-1279
KC "C"	3912	3912	-1301
KC "D"	3951	3951	-1340
PAWNEE	4047	4048	-1436
FORT SCOTT	4101	4100	-1490
CHEROKEE	4127	4128	-1518
ATOKA	4208	4209	-1599
MISS	4258	4260	-1650
LTD	4508	LTD 4504	-1895

A.	DP	B.	ring	C.	ring

REFERENCE WELLS

A.

B.

C.