



MIDWEST SURVEYORS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

API# 15-031-23,935

Company **Birk Petroleum**

Well **Fischer No.-22**

Field **Crandall North**

County **Coffey** State **Kansas**

Location

**495' FSL & 1815' FEL
NW-SE-SW-SE**

Other Services
Perforate

Sec. 36

Twp. 22S

Rge. 15E

Permanent Datum

GL

Elevation

1041'

Log Measured From

GL

Drilling Measured From

GL

Elevation

K.B. NA
D.F. NA
G.L. 1041'

Date **07-24-2014**

Run Number

One

Depth Driller

1132.0

Depth Logger

1106.8

Bottom Logged Interval

1105.8

Top Log Interval

20.0

Fluid Level

Full

Type Fluid

Water

Density / Viscosity

NA

Salinity - PPM Cl

NA

Max Recorded Temp

NA

Estimated Cement Top

0.0

Equipment No.

102

Osawatomie

Recorded By

Gary Windisch

Witnessed By

Brian Birk

RUN

BORE-HOLE RECORD

CASING RECORD

No.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

One

9.875"

0.0

40.0

7.00"

17.0 #

0.0

40.0

Two

6.25"

40.0

1132.0

2.875"

6.5 #

0.0

1122.0

07-24-2014
Perforated Interval
1076.0 - 1086.0 31 Perfs
2" DML RTG

1050

1100

-1 CCL 1

Neutron (cps)

Gamma Ray (cps)

Gamma Ray (cps)