



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

GAMMA RAY / NEUTRON / CCL

File No.

Company **Fern Oil & Gas, LLC.**

Well **Rhoton No.- 1**

Field **Bronson - Xenia**

County **Allen** State **Kansas**

Location **804' FSL & 420' FEL**

Other Services
Perforate

Sec 21

Typ. 24s

Fge. 21e

Elevation

NA

Elevation

K.B. NA

D.F. NA

G.L. NA

Permanent Datum

GL

GL

GL

GL

GL

GL

GL

GL

Log Measured From

GL

GL

GL

GL

GL

GL

GL

GL

Drilling Measured From

GL

GL

GL

GL

GL

GL

GL

GL

Date

08-03-2012

Run Number

One

Depth Driller

854.0

Depth Logger

816.2

Bottom Logged Interval

815.2

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.

107

Location

Ossawatimie

Recorded By

Steve Windisch

Witnessed By

Phil Christian

BOREHOLE RECORD

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

NO.

BIT

FROM

TO

SIZE

WGT.