



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

GAMMA RAY / NEUTRON / CCL

File No.

Company Heavy Oil Treatment Solutions, LLC.

Well Mini Farms No. 1J-1

Field Six Corners

County Leavenworth State Kansas

Location 4425 FSL & 2855 FEL
NE-SE-NE-NW

Other Services

Sec. 23 Twp. 12s Rge. 20e
Permanent Datum GCL Elevation 855'
Log Measured From GCL
Drilling Measured From GCL

Date 10-09-2013

Run Number One

Depth Driller 1104.0

Depth Logger 1100.5

Bottom Logged Interval 1099.5

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 Osawatomie

Recorded By Steve Winklesch

Witnessed By Jim Milbrun

BORE HOLE RECORD

CASINGS RECORD

TO 43.0

FROM 0.0

SIZE 8.025"

WT 22.0#

NO. 1

ONE 12.25'

TWO 6.75'

THREE 4.30'

FOUR 1104.0'

FIVE 1102.0'

SIX 1102.0'

SEVEN 1102.0'

EIGHT 1102.0'

NINE 1102.0'

TEN 1102.0'

ELEVEN 1102.0'

TWELVE 1102.0'

THIRTEEN 1102.0'

FOURTEEN 1102.0'

FIFTEEN 1102.0'

SIXTEEN 1102.0'

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