



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

GAMMA RAY / NEUTRON / CCL

File No.

Company **Magnum Exploration Kansas, LLC**

Well **Thasher No. - 9**

Field **Unnamed**

County **Douglas** State **Kansas**

Location **165' FSL & 3005' FEL
SW-SE-SE-SW**

Other Services
Perforate

Sec. **25** Twp. **13s** Rge. **20e**

Permanent Datum **GL** Elevation **924'**

Log Measured From **GL** K.B. NA
D.F. NA

Drilling Measured From **GL** G.L. 924'

Date **07-02-2015**

Run Number **One**

Depth Driller **850.0**

Depth Logger **785.0**

Bottom Logged Interval **785.0**

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. **104** Location **Osawatimie**

Recorded By **Steve Windisch**

Witnessed By **Terry Balfou Jr.**

BORE HOLE RECORD

Run No. **BIT** FROM **TO** SIZE **WGT.** FROM **TO**

One **11.00"** **0.0** **44.0** **7.00"** **17.0 #** **0.0** **44.0**

Two **5.625"** **44.0** **850.0** **2.875"** **6.5 #** **0.0** **827.0**

Barite **Set** **At** **798.0**

Comments

Drilling Contractor :
HB Energy

Database File: thrasher 9.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Jul 02 11:20:28 2015 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

