



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 66, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Grand Mesa Operating Company**

Well **Vesecky No. 3-5**

Field **Wildcat**

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

Location **825' FNL & 1340' FWL
NW-SW-NE-NW**

Sec. **23** Twp. **14S** Rge. **20E**

Permanent Datum **GL** Elevation **896'**

Log Measured From **GL** Elevation **896'**

Drilling Measured From **GL** Elevation **896'**

Date **08-11-2014**

Run Number **One**

Depth Driller **782.0**

Depth Logger **753.8**

Bottom Logged Interval **752.8**

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. **107** Location **Osawatomie**

Recorded By **Steve Mindich**

Witnessed By **Steve Carl**

BORE-HOLE RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM** **TO**

One **11.00"** **0.0** **49.0** **7.00"** **17.0 #** **0.0** **49.0**

Two **6.125"** **49.0** **782.0** **2.875"** **6.5 #** **0.0** **780.55**

CASING RECORD

TO **SIZE** **WGHT.** **FROM** **TO**

No. **BIT** **FROM** **TO** **WGHT.** **FROM**