**MIDWEST SURVEYS**
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2120

# GAMMA RAY / NEUTRON / CCL

File No.

API # 15-091-23,573

| | |
|---|---|
| Company | Kansas Resources Exploration |
| Well | Knabe "D" No. KR-19 |
| Field | Gardner |
| County | Johnson State Kansas |
| Location | 3994' FSL & 4643' FEL SE-SW-NW-NW |
| Sec. 14 Twp. 14s Rge. 22e | Elevation 1047' |
| Permanent Datum | GL |
| Log Measured From | GL |
| Drilling Measured From | GL |

Other Services: Perforate

Elevation: K.B. NA, D.F. NA, G.L. 1047'

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Date | 10-06-2011 | | | | | | | |
| Run Number | One | | | | | | | |
| Depth Driller | 923.0 | | | | | | | |
| Depth Logger | 909.3 | | | | | | | |
| Bottom Logged Interval | 906.3 | | | | | | | |
| 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. Location | 104 Osawatomie | | | | | | | |
| Recorded By | Gary Windisch | | | | | | | |
| Witnessed By | Brad Kramer | | | | | | | |

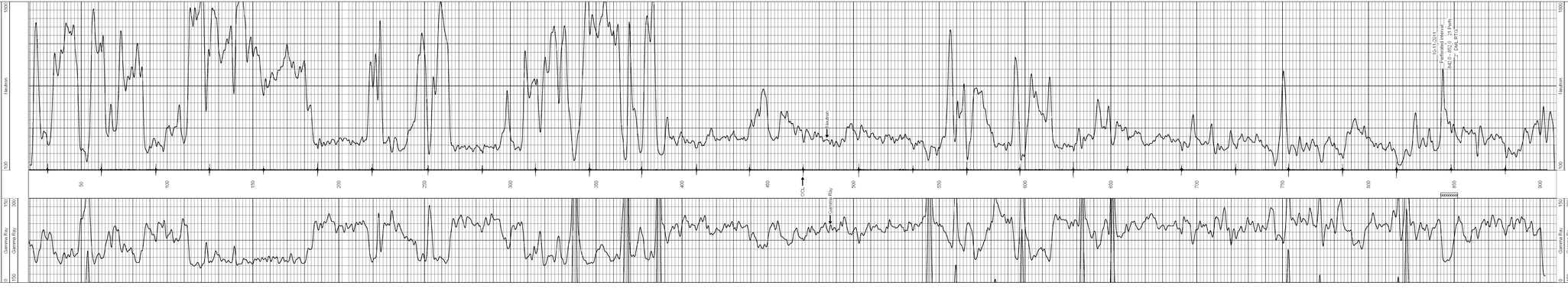
| BORE-HOLE RECORD | | | | | CASING RECORD | | | |
|---|---|---|---|---|---|---|---|---|
| RUN No. | BIT | FROM | TO | SIZE | WGT. | FROM | TO | |
| One | 9.875" | 0.0 | 20.0 | 7.00" | | 0.0 | 20.0 | |
| Two | 5.625" | 20.0 | 923.0 | 2.875" | | 0.0 | 909.0 | |

--- Add Rows ---

All interpretations are opinions based on inferences from electrical or other measurements, we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our standard terms and conditions as set forth in our current price schedule.

Comments

Drilling Contractor : Utah Oil

Load file: db
Job: Knabe
Date/Time: 14-27-38 2011 by Log Warrior Version 6.6
Depth in Feet scaled 1:240

Contractor: Utah Oil
Operator: Kansas Resources
Presentation Format: Gamma Neutron
Checked by: