



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

**GAMMA RAY / NEUTRON / CCL**

File No.

Company Bobcat Oilfield Services, Inc.

Well Spindle No. 5W-19

Field Paola / Rantoul

County Miami State Kansas

Location

1149' FSL & 3135' FEL  
NW-NE-SE-SW

Other Services  
Perforate

Sec. 18 Twp. 17S Rge. 24E

Permanent Datum GL Elevation 985'

Log Measured From GL

Drilling Measured From GL

Date 12-04-2019

Run Number

One

Depth Driller

381.0

Depth Logger

374.7

Bottom Logged Interval

373.7

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.

102

Location

Osawatomie

Recorded By

Garv Windisch

Witnessed By

Rob Eberhart

RUN

BORE-HOLE RECORD

No.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

One

8.75"

0.0

20.0

6.00"

14.0#

0.0

20.0

Two

5.625"

20.0

381.0

2.875"

6.5#

0.0

375.0

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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 general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :  
Dale Jackson Production Company

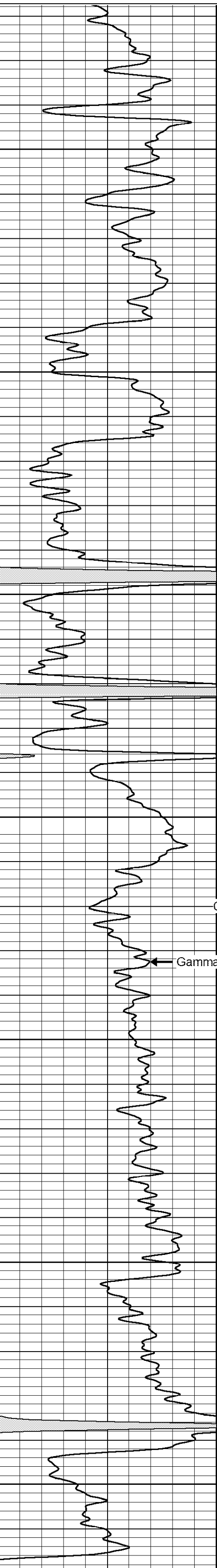
Database File: spindle 5w-19.db  
Dataset Pathname: pass1  
Presentation Format: gr-n-ccl  
Dataset Creation: Wed Dec 04 16:14:08 2019 by Log SCH 111116  
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (cps) 150  
150 Gamma Ray (cps) 300

-1 CCL 1

Neutron (cps)

1900



0 Gamma Ray (cps) 150  
150 Gamma Ray (cps) 300

-1 CCL 1

Neutron (cps)

1900

