



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

**GAMMA RAY / NEUTRON / CCL**

File No. \_\_\_\_\_

Company **JTC Oil, Inc.**

Well **Chase No. P-15**

Field **Paola / Rantoul**

County **Franklin** State **Kansas**

Location **495' FNL & 1815' FWL**  
**SE-NW-NE-NW**

Other Services **Perforate**

Sec. 33 Typ. 17s Rge. 21e  
 Permanent Datum GL Elevation 919'  
 Log Measured From GL  
 Drilling Measured From GL

Date	02-18-2015
Run Number	One
Depth Diller	720.0
Depth Logger	695.0
Bottom Logged Interval	694.0
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.	102
Location	Osawatomie
Recorded By	Gary Wondisch
Witnessed By	Tom Cain

BORE-HOLE RECORD		CASING RECORD				
RUN No.	BIT FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	7.00"	17.7#	0.0	20.0
Two	5.625"	20.0	2.875"	6.5#	0.0	696.0

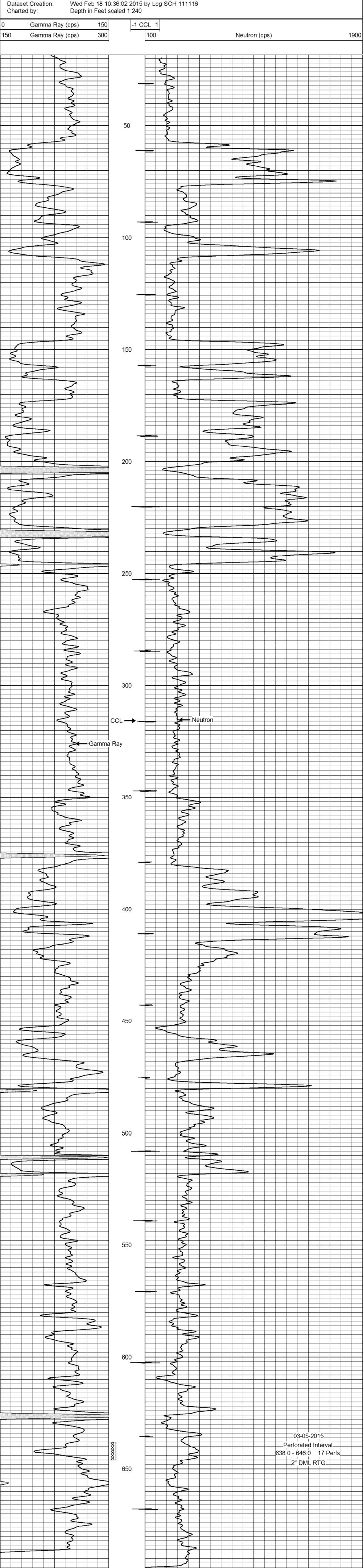
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 :  
**JTC Oil, Inc.**

Database File: chase 15p.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Wed Feb 18 10:36:02 2015 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240



0	Gamma Ray (cps)	150	-1 CCL 1	100	Neutron (cps)	1900
150	Gamma Ray (cps)	300				