MIDWEST SURVEYS
LOGGING · PERFORATING · CORE TWG SERVICES
P.O. Box 413 Chanute, Kansas 66720
913/ 765 - 3626

GAMMA RAY / NEUTRON / CCL

File No.

API# 15-207-29931

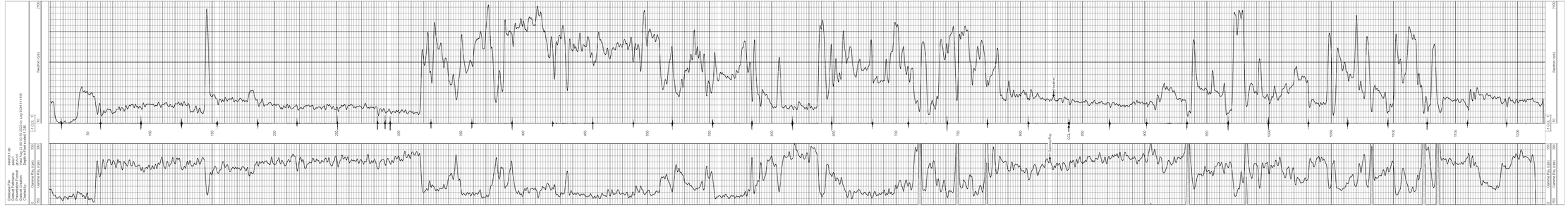
Company Patriot Oil Company
Well Ireland No.- 1
Field Unnamed
County Woodson State Kansas

Location 1485' FSL & 165' FEL
SE-SE-NE-SE
Sec. 20 Twp. 25s Rge. 15e
Other Services

Permanent Datum	GL	Elevation 1116'	Elevation	
Log Measured From	GL		K.B. 5ft	
Drilling Measured From	GL		D.F. 4ft	
			G.L. 1116'	

Date	06/23/2023	
Run Number	One	
Depth Driller	1240.0	
Depth Logger	1222.0	
Bottom Logged Interval	1221.0	
Top Log Interval	20.0	
Fluid Level	Full	
Type Fluid	water	
Density / viscosity	NA	
Salinity - PPM Cl	NA	
Maximum Recorded	0.0	
Estimated Cement Top	0.0	
Equipment No. Location	107 Chanute/ks	
Recorded By	Steve Gerdes	
Witnessed By	Brown Owens	

BOR No.	BIT	BORE-HOLE RECORD FROM	TO	SIZE	WGT	CASING RECORD FROM	TO	SIZE
One	9.875"	0.0	43.0	7.00"	10.0	0.0	43.0	
Two	5.675"	43.0	1240.0	2.875"	6.5	0.0	1220.0	

The information and interpretations given on Midwest Surveys logs are based on other measurements and on opinions and should not be construed as a warranty of accuracy. Midwest Surveys assumes no responsibility for the use of its logs or the interpretations thereof, and shall not be responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by Midwest Surveys officers, agents or employees. These interpretations are also subject to our standard terms and conditions as set forth in our current price schedule.

Drilling Contractor: Wick
LCT Drilling Rig#1