G01698

Permit # 20020

Petro-Log

Induction Electric Log

COMPANY PROTAAL RESOURCES, INC.

WELL BYE #13-32

FIELD

COUNTY RAY STATE MISSOURI

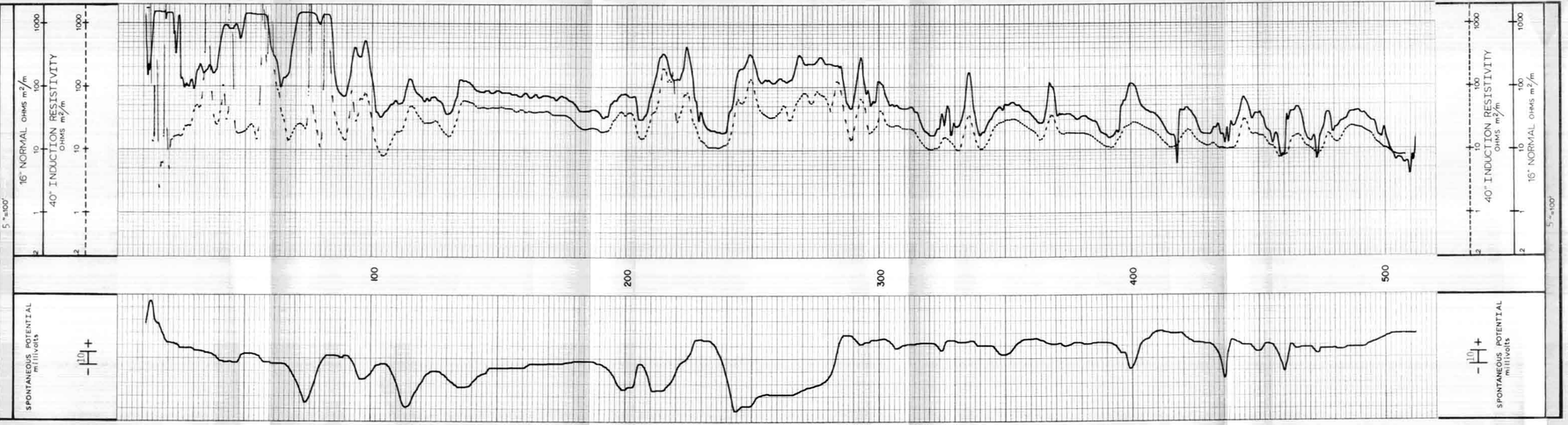
Location: 773.5' NL 725' EL (NW-NE) Sec. 32 Twp. 54N Rge. 28W

Other Services: CDL/N

Permanent Datum: GROUND LEVEL Elev. 980 EST
Log Measured From G.L. Ft. Above Perm. Datum
Drilling Measured From GROUND LEVEL

Elev.: K.B. D.F. G.L. 980 EST

Date	11/19/80							
Run No.	ONE							
Depth—Driller	737							
Depth—Logger	739							
Btm. Log Inter.	739							
Top Log Inter.	11							
Casing—Driller	7" @ 20'							
Casing—Logger								
Bit Size	6 1/8"							
Type Fluid in Hole	NATIVE MUD							
Dens. Visc.	SEL							
pH Fluid Loss	N.A. N.A.	ml		ml		ml		ml
Source of Sample	N.A. N.A.							
R_m @ Meas. Temp.	PITS							
R_{mf} @ Meas. Temp.	4 @ 60°F	@ °F		@ °F		@ °F		@ °F
R_{mc} @ Meas. Temp.	4 @ 60°F	@ °F		@ °F		@ °F		@ °F
Source R_{mf} R_{mc}	6 @ 60°F	@ °F		@ °F		@ °F		@ °F
R_m @ BHT	CHARTS							
Time Since Circ.	28 @ 87°F	@ °F		@ °F		@ °F		@ °F
Max. Rec. Temp.	1 HOUR							
Equip. Location	87°F	°F		°F				°F
Recorded By	N-5 WICHITA							
Witnessed By	PAUL ILL							
	MR. FETTERLY							

RECEIVED
MAR 3 0 1981
MO. OIL & GAS COUNCIL

REMARKS: ALL CALCULATIONS AND OPINIONS STATED IN REPORTS, LOGS, OR OTHER MEDIA ARE BASED ON INFORMATION WHICH WE BELIEVE TO BE ACCURATE, BUT ARE NOT GUARANTEED TO BE ACCURATE, COMPLETE OR CORRECT. WE ASSUME NO RESPONSIBILITY FOR ANY LOSS, DAMAGE OR EXPENSE DUE TO ANY ERROR, OMISSION OR DEFICIENCY REGARDING THE ACCURACY, COMPLETENESS OR CORRECTNESS OF ANY OPINION, REPORT OR OTHER DATA WHICH WE MAY GIVE OR MAKE AVAILABLE.