G01702

Permit # 20015 20033

Petro-Log

Compensated Density Neutron

COMPANY	PROTAAL RESOURCES, INC.
WELL	GROVE #63-29
FIELD	
COUNTY	RAY
STATE	MISSOURI
Location	SE/4-SE/4 #3C'SL 1120'EL
Other Services:	IES
Sec.	29
Twp.	54N
Rge.	28W

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. 980EST

Date	10/28/80			
Run No.	ONE			
Depth—Driller	720			
Depth—Logger	721			
Btm. Log Inter.	720			
Top Log Inter.	71			
Casing—Driller	7" @ 20'	@	@	@
Casing—Logger				
Bit Size	6 1/8"			
Type Fluid in Hole	NATIVE MUD			
Dens. | Visc.	N.A. | N.A.	|	|	|
pH | Fluid Loss	N.A. | N.A. ml	| ml	| ml	| ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	3.7 @ 56 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.78 @ 56 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	5.55 @ 56 °F	@ °F	@ °F	@ °F
Source Rmf Rmc	CHARTS			
Rm @ BHT	2.40 @ 86 °F	@ °F	@ °F	@ °F
Time Since Circ.	1 HOUR			
Max. Rec. Temp.	86 °F	°F	°F	°F
Equip. | Location	H-5 | WICHITA	|	|	|
Recorded By	GASKILL			
Witnessed By	MR. FETTERLY			

RECEIVED
MAR 30 1981
MO. OIL & GAS COUNCIL

REMARKS 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 interpretations, 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 one of our officers, agents or employees.

Equipment Data

Run No.	Tool No.	Source No.	Panel No.		Logging Unit	Location
1	331	A-896	3173		H-5	WICHITA, KS.

Calibration Data

Run No.	Gamma Ray API Scale	Gamma Ray Background CPS	Gamma Ray Std. CPS	CDT Ds CPS AT	2.0	3.0	DL CPS AT	2.0	3.0

Logging Data

Run No.	Depths From	Depths To	Speed Ft/Min	TC
1	720	71	20	3

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