SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Electrical Log

COMPANY Pan American Petroleum Corp.
WELL F. L. Barrett "F" #2
FIELD Barrett
LOCATION C-SE-SE
Sec. 33-17N-56W
COUNTY Barnes
STATE Nebraska

Location of Well
JUL 20 1959

Elevation: D.F. 5015
K.B. 5015
or G.L. 5008.5

COUNTY
FIELD or LOCATION
WELL
COMPANY

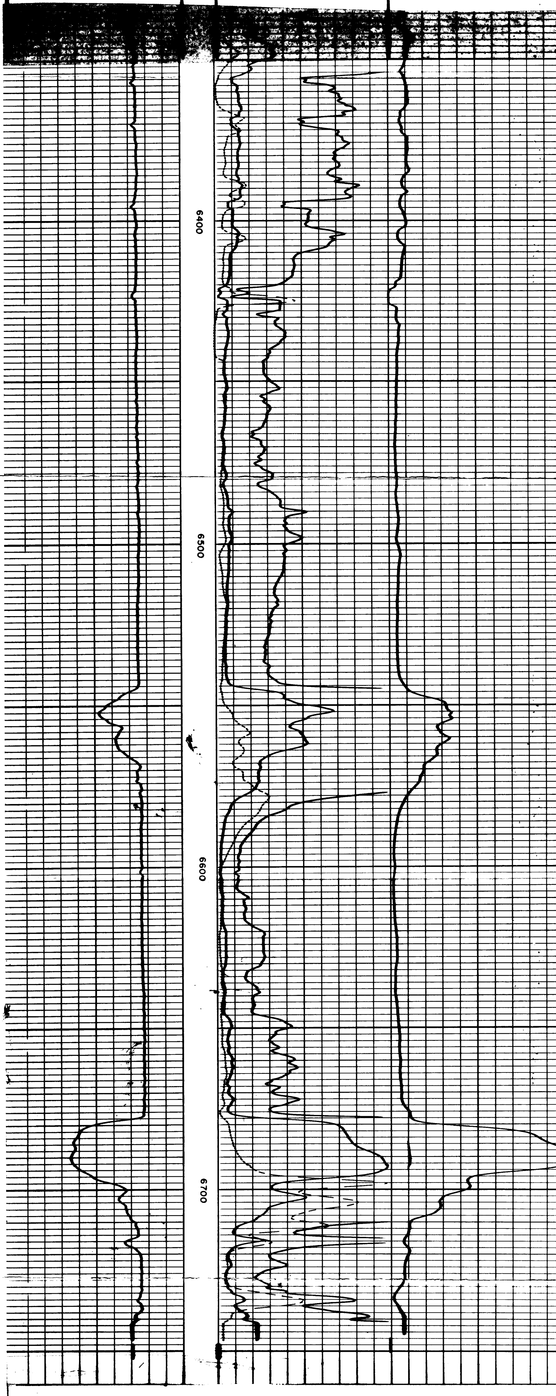
FILING No.

FOLD HERE

RUN No.	ONE
Date	20-Jul-1959
First Reading	6724
Last Reading	4321
Feet Recorded	2403
Cas. Schlum.	4321
Cas. Driller	4326.5
Depth Reached	6743
Depth Driller	6748
Mud Not.	Gel - Oil Base
" Density	10
" Viscosity	41 @ 83 °F
" Resis. BHT	1.45 @ 114 °F
" pH	@ °F
Max. Temp. °F	@ °F
Bit Size	12 1/4" CC 30 min.
Spcgr—AM	CC 30 min.
" —FM	CC 30 min.
" —LM	CC 30 min.
Opr. Rig Time	CC 30 min.
Truck No.	1384
Recorded By	Eustman
Witnessed By	Kaiser

REMARKS

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY -ohms. m²/m	RESISTIVITY -ohms. m²/m
− 20 +		0 16" Normal 50	0 64" Normal 50
		0 18'8" Lateral 50	0 500



QUANTITATIVE ANALYSIS

Below are tabulated some average values of porosity and water saturation calculated from your logs on this well. Since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and do not, guarantee the accuracy or correctness of these values.

The pages from the Schlumberger Interpretation Chart Book which were used for these calculations are listed for your convenience.

ZONE	EFFECTIVE POROSITY Ø in %	WATER SATURATION S_w in %	PROBABLE PRODUCTION	PAGES USED (SWSC Chart Book)
6678 to 6699	14-16	42	Oil Some water	C-4, C-12, D-2
to				
to				
to				
to				
to				