SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Electrical Log

COUNTY	BANNER
FIELD or LOCATION	BARRETT SEC. 33-17N-56W
WELL	F. L. BARRETT #F-2
COMPANY	PAN AMERICAN PETROLEUM CORP.

COMPANY PAN AMERICAN PETROLEUM CORP.

WELL F. L. BARRETT #F-2

FIELD BARRETT

LOCATION C SE SE 16 SEC. 33-17N-56W

COUNTY BANNER

STATE NEBRASKA

Location of Well: M

MAY 4 1959

Elevation: D.F. K.B. 5015 or G.L. 5006.5

FILING No.

RUN No.	ONE			
Date	2-28-59			
First Reading	6742			
Last Reading	426			
Feet Measured	6316			
Csg. Schlum.	426			
Csg. Driller	426.5			
Depth Reached	6743			
Bottom Driller	6748			
Depth Datum	KB			
Mud Nat.	GEL-OIL ADDED			
" Density	10			
" Viscosity	135			
" Resist.	4.6 @ 63F	@ °F	@ °F	@ °F
" Res. BHT	1.65 @ 174°F	@ °F	@ °F	@ °F
" pH	-- @ °F	@ °F	@ °F	@ °F
" Wtr. Loss	10 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	174			
Bit Size	7-7/8"			
Spcgs.—AM	16"			
A M'	64"			
AO	18'8"			
Opr. Rig Time	1-1/2 HOURS			
Truck No.	1564 KIM			
Recorded By	RANSOM			
Witnessed By	MR. NAGEL & BURNS			

FOLD HERE

REMARKS MUD SAMPLE FROM FLOW LINE

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY -ohms. m²/m	RESISTIVITY -ohms. m²/m
– 20 +	CSG. 426	0 NORMAL 50; 0 500; 0 LATERAL 50; 0 500; 0 AMPLIFIED NORMAL 10	0 LONG NORMAL 50; 0 500

– 20 +	0 AMPLIFIED NORMAL 10; 0 NORMAL 50; 0 500; 0 LATERAL 50; 0 500	0 LONG NORMAL; 0
SPONTANEOUS-POTENTIAL millivolts	RESISTIVITY -ohms. m²/m	RESISTIVITY -ohms. m²/m

COMPANY PAN AMERICAN PETROLEUM CORP. Rm 1.65 @ 174 °F SWSC FR 6742

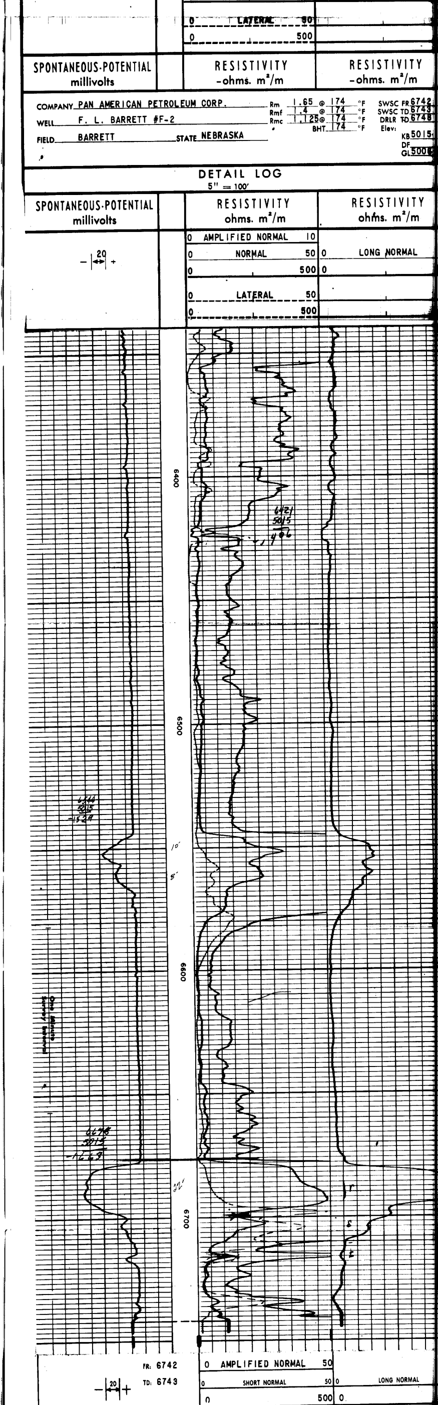
WELL F. L. BARRETT #F-2 Rmf .4 @ 174 °F SWSC TD 6743

FIELD BARRETT STATE NEBRASKA Rmc 1.125 @ 174 °F DRLR TD 6748

BHT 174 °F Elev: KB 5015 DF GL 5006

DETAIL LOG
5" = 100'

SPONTANEOUS-POTENTIAL millivolts	RESISTIVITY ohms. m²/m	RESISTIVITY ohms. m²/m
– 20 +	0 AMPLIFIED NORMAL 10; 0 NORMAL 50; 0 500; 0 LATERAL 50; 0 500	0 LONG NORMAL; 0



FR: 6742
TD: 6743

– 20 +

PAN AMERICAN PETR. CORP.
F. L. BARRETT #F-2
SEC. 33-17N-56W
BANNER CO., NEBR.
ELEV: 5015' K.B.

0 AMPLIFIED NORMAL 50	
0 SHORT NORMAL 50	0 LONG NORMAL
0 500	0
0 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