Schlumberger

DUAL INDUCTION - LATEROLOG

COUNTY ANDREW
FIELD or LOCATION SEC. 8-59N 34W
WELL DON PHILLIPPE #1
COMPANY TEXACO, INC.

COMPANY TEXACO, INC.

RELEASE

WELL DON PHILLIPPE #1
FIELD WILDCAT
COUNTY ANDREW STATE MISSOURI

Location: API Serial No.
520' FNL NE-NE 620' FEL
Sec. 8 Twp. 59N Rge. 34W

Other Services:
FDC-GR,
HDT

Permanent Datum: GROUND LEVEL Elev. 1005
Log Measured From KB, 5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1010
D.F. —
G.L. 1005

Date	11-9-73			
Run No.	ONE			
Depth—Driller	1455			
Depth—Logger	1456			
Btm. Log Interval	1450			
Top Log Interval	130			
Casing—Driller	8 5/8 @ 129	@	@	@
Casing—Logger	130			
Bit Size	6 3/4			
Type Fluid in Hole	FRESH MUD W/GEL			
Fluid Level	FULL			
Dens. | Visc.	9.4 | 33	|	|	|
pH | Fluid Loss	11 | 22 ml	| ml	| ml	| ml
Source of Sample	CIRC			
Rm @ Meas. Temp.	4.24 @ 66 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	3.33 @ 67 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | —	|	|	|
Rm @ BHT	3.19 @ 90 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 HOURS			
Max. Rec. Temp.	90 °F	°F	°F	°F
Equip. | Location	4521 | WICH	|	|	|
Recorded By	PARSLOW			
Witnessed By	[illegible], HORTON, SOMMER			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES

Date | Sample No.		
Depth - Driller		
Type Fluid in Hole		
Dens. | Visc.		
ph | Fluid Loss	ml	ml
Source of Sample		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf | Rmc		
Rm @ BHT	@ °F	@ °F
Rmf @ BHT	2.05 @ 90 °F	@ °F
Rmc @ BHT	@ °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	ONE			
Panel No.	CB-204			
Cart. No.	B-154			
Sonde No.	DB-48			
Mem. Panel No.	B-118			
G.R. Cart. No.	—			
G.R. Panel No.	—			
TTR No.	—			
Cent. Device	NOT USED			
Stand off - Inches	ZERO			
Time Const. - Sec.	—			
Speed - F.P.M.	85			

REMARKS

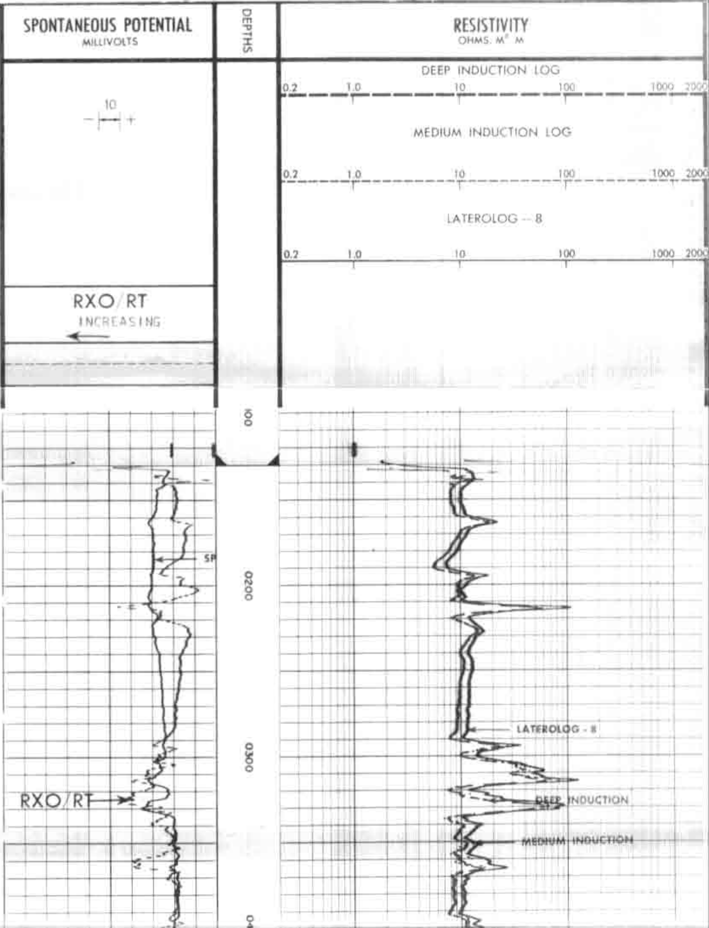
Service Order No.: 83685

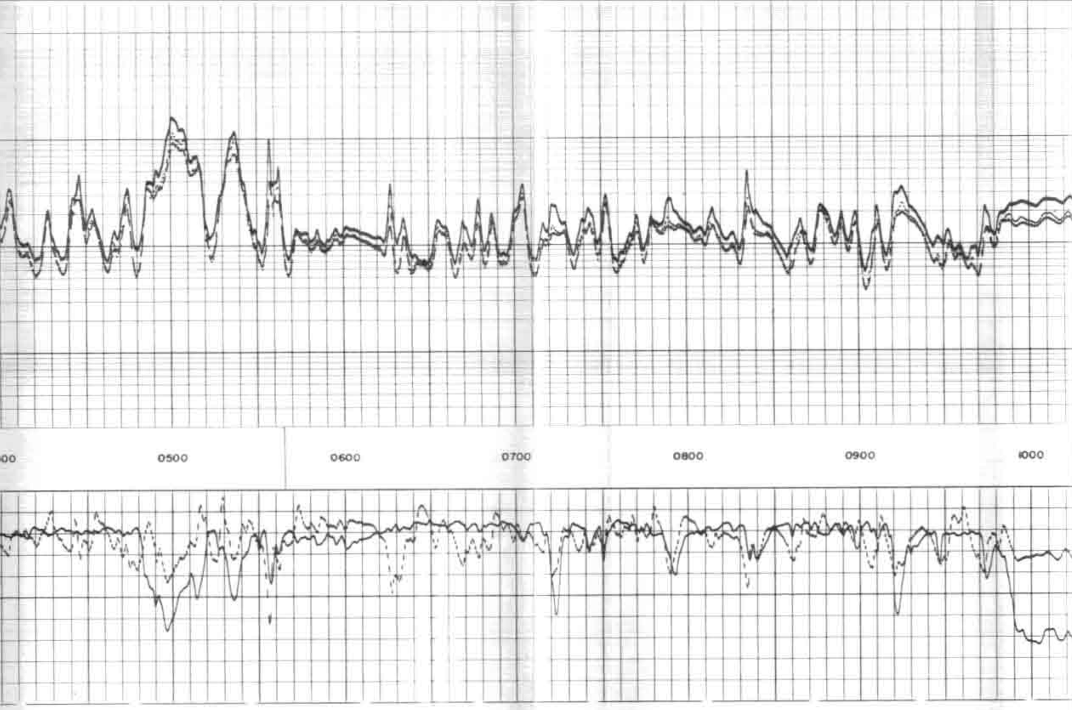
☒ Surface determined sonde errors used
☐ Sonde error corrected for inch borehole signed at Rm
☐ Induction zero set in hole at depth of feet

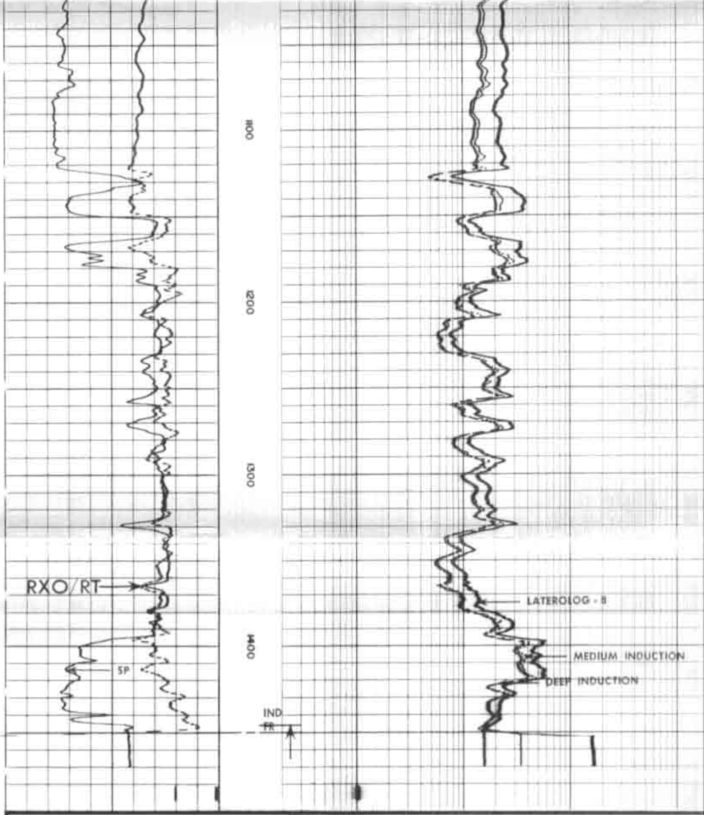
CALIBRATION DATA

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISION	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
GAMMA RAY:						

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 any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.



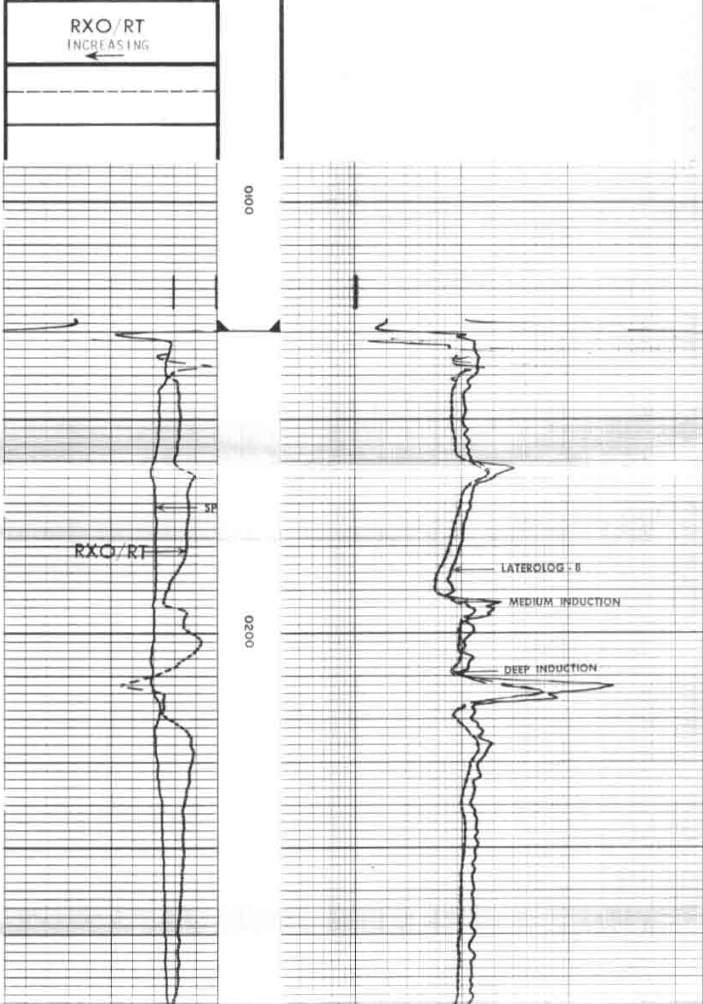


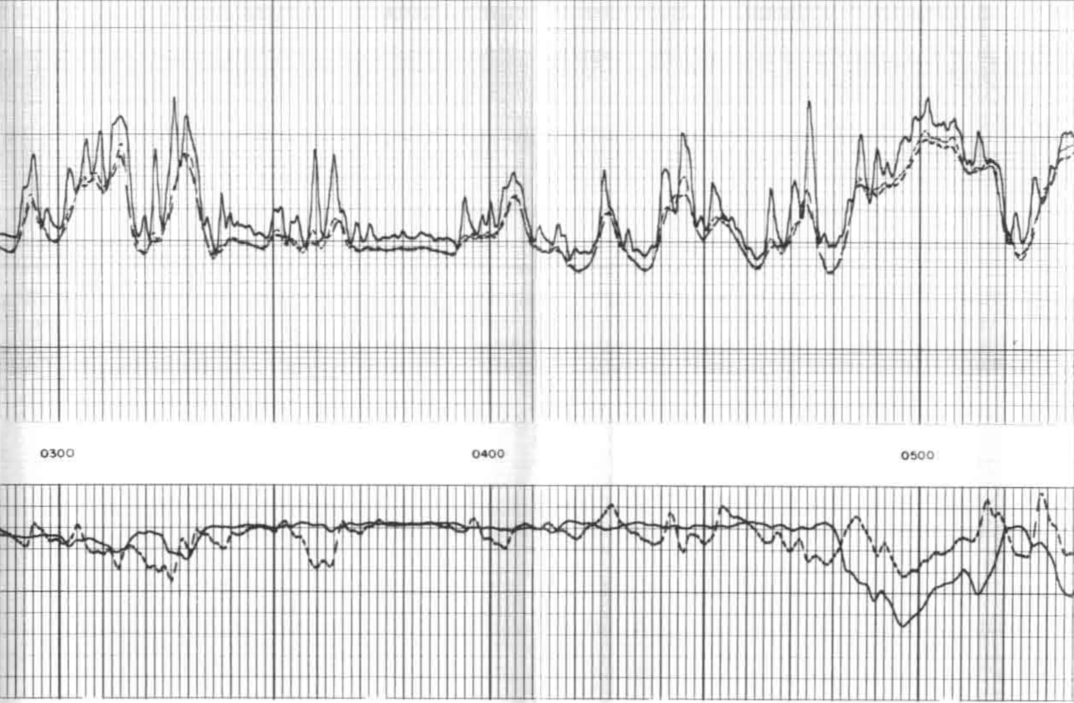


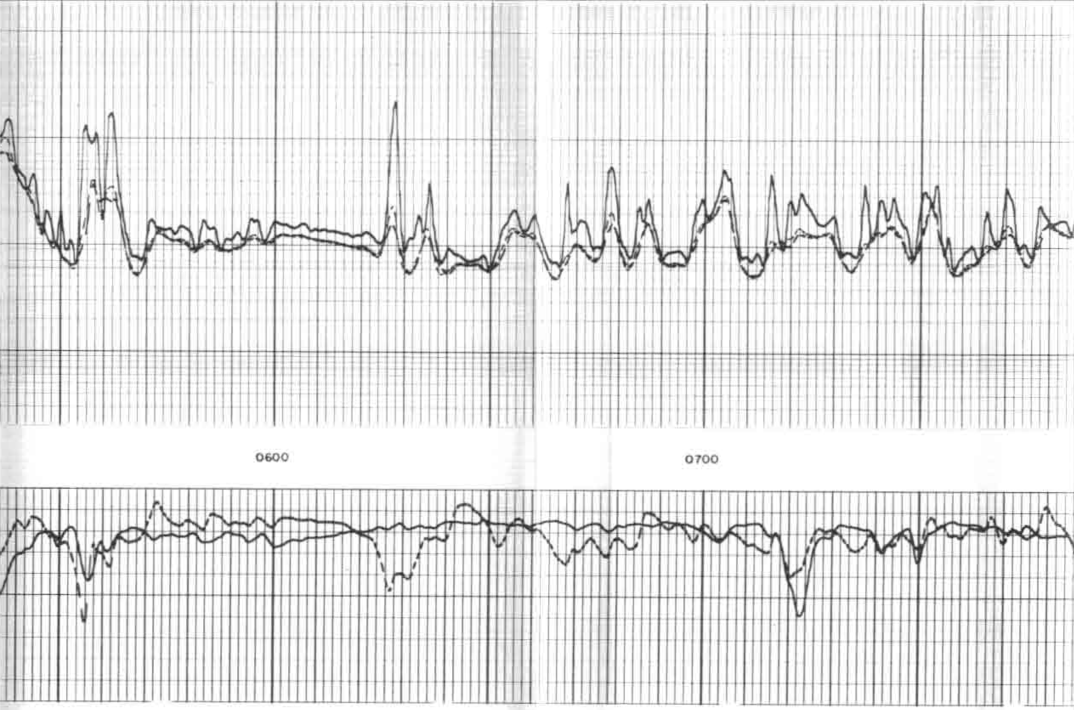
DETAIL LOG

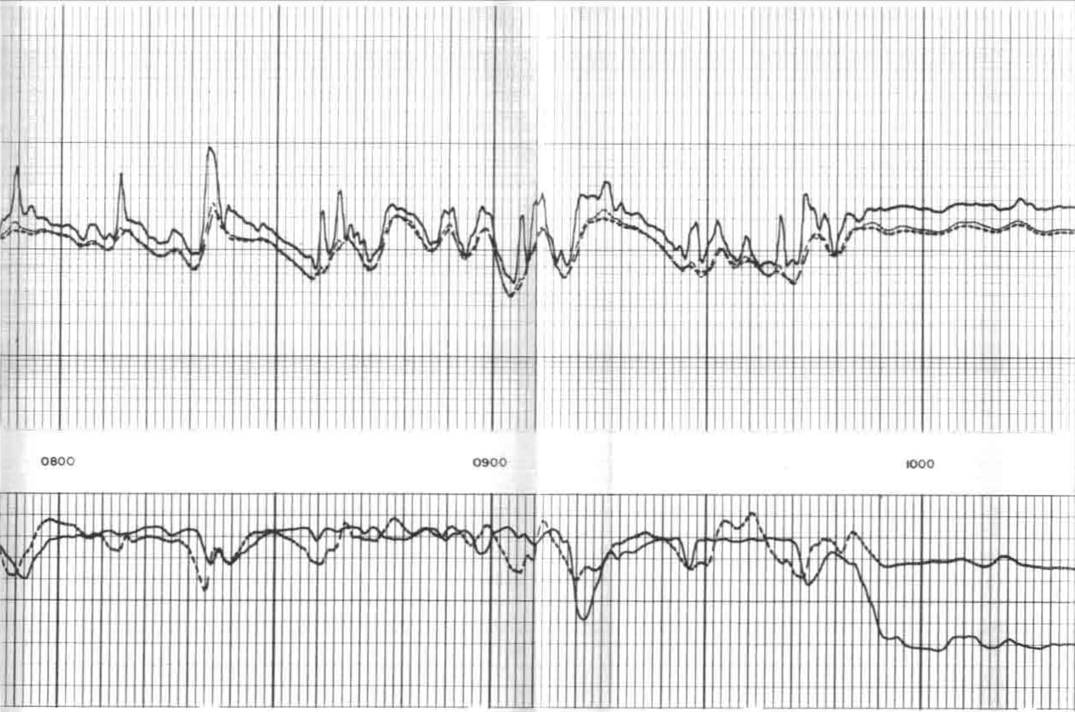
5" = 100'

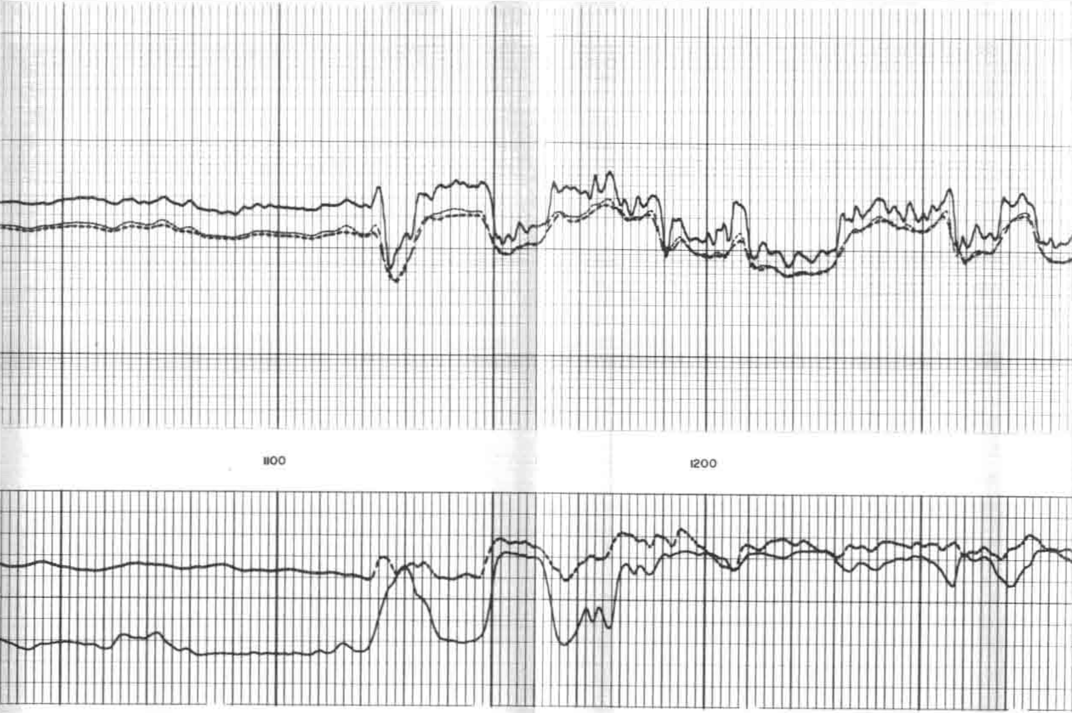
SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	RESISTIVITY OHMS M^2 M
− 10 +		LATEROLOG — 8 0.2 1.0 10 100 1000 200
		MEDIUM INDUCTION LOG 0.2 1.0 10 100 1000 200
		DEEP INDUCTION LOG 0.2 1.0 10 100 1000 200

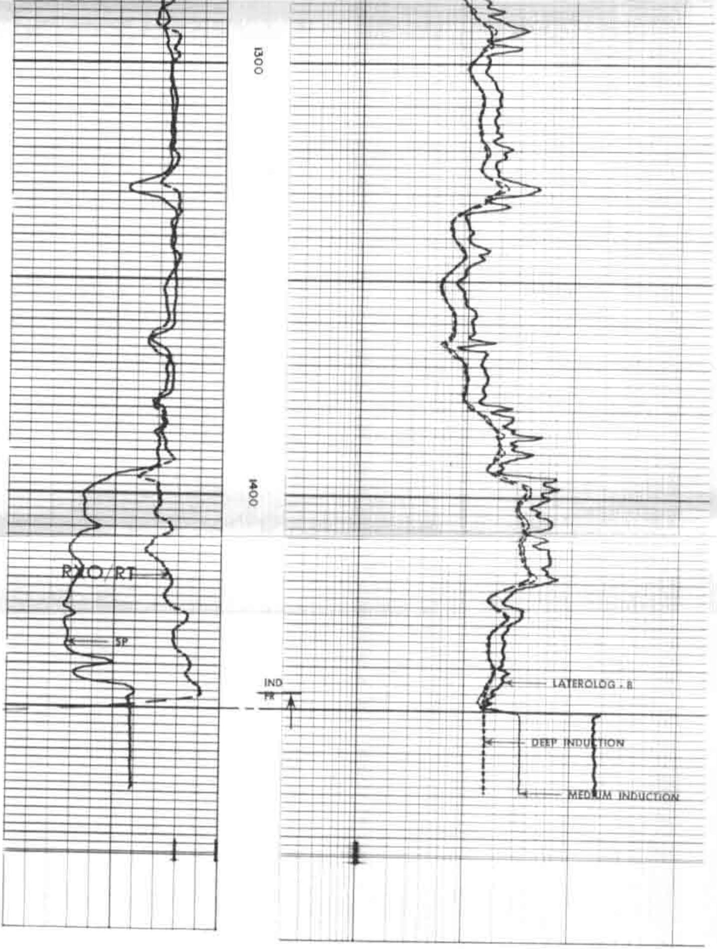


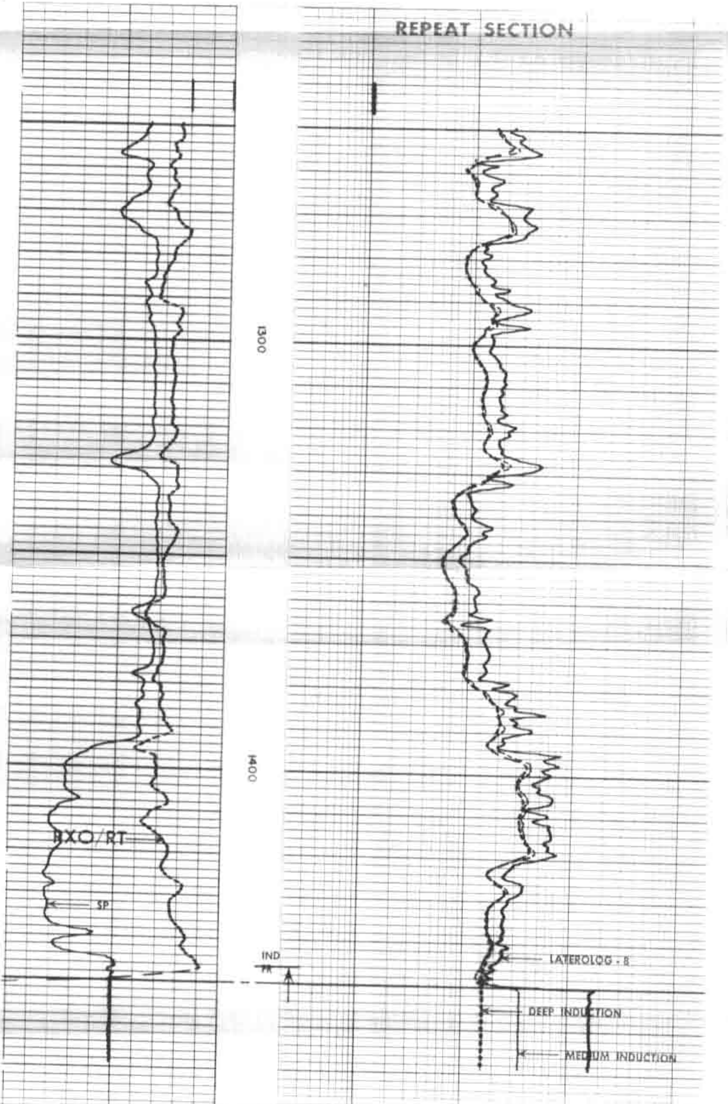


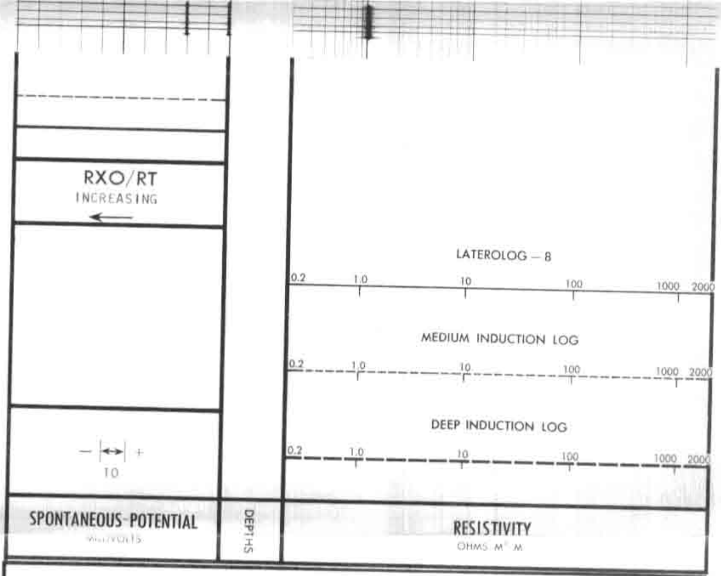




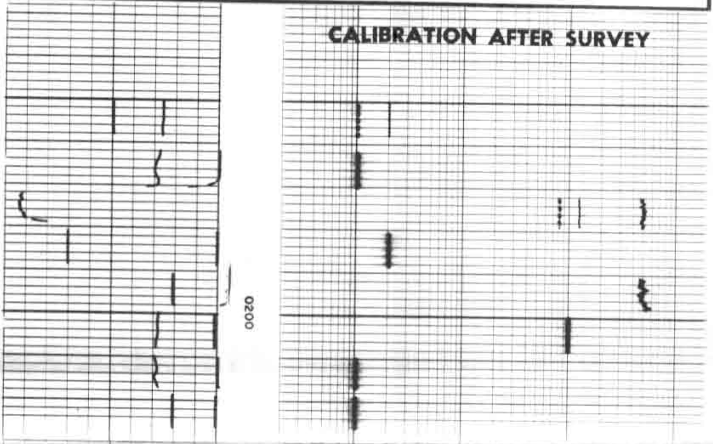


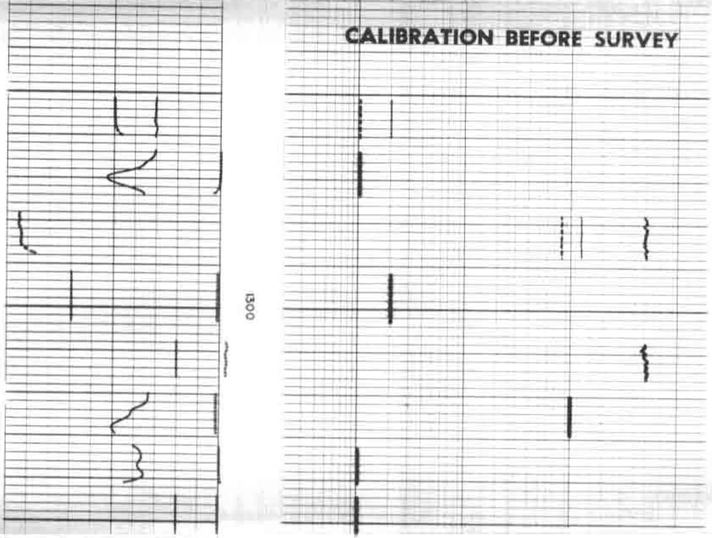






CALIBRATION RECORD





CALIBRATION RECORD

COMPANY TEXACO, INC.
WELL DON PHILLIPPE #1
FIELD WILDCAT
COUNTY ANDREW STATE MO.

SCHL. FR 1450
SCHL. TD 1456
DRLR TD 1455
Elev:
KB 1010
DF
GL 1005

Log Analysis

SCHLUMBERGER

COMPANY TEXACO, INC.
WELL DON PHILLIPPE #1
FIELD WILDCAT
COUNTY ANDREW
STATE MISSOURI

DEPTH	RW	RT	PG	% POROSITY	% WATER	REMARKS
990-1006	.6	14/15	2.68	20/22	100+	BRTLS. APPEAR ALL WET.
1138-43	"	18	"	10	100+	
43-48	"	20	"	14.5	100+	
1166-70	"	18	"	16/17	100	

1400-20	"	30	"	12/16 90/100+

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DATE	LOCATION	ENGINEER
11-9-73	WICHITA, KANSAS	PARSI[illegible]