G01000

Schlumberger

COMPENSATED FORMATION DENSITY LOG
Gamma-Gamma

COUNTY HOLT
FIELD or LOCATION SEC. 15-61N-38W
WELL MORRIS #1
COMPANY SANDS-AMERICAN

COMPANY SANDS-AMERICAN CORPORATION
WELL MORRIS #1
FIELD WILDCAT
COUNTY HOLT STATE MISSOURI
Location: 660' SL 660' WL SW-SW
API Serial No.
Sec 15 Twp 61N Rge 38W
Other Services: DIL

Permanent Datum: GROUND LEVEL Elev. 1030
Log Measured From KB 4 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 1034
D.F. ----
G.L. 1030

Date	6-12-74		
Run No.	ONE		
Depth—Driller	2375		
Depth—Logger	2374		
Btm. Log Interval	2373		
Top Log Interval	430		
Casing—Driller	8 5/8 @ 430	@	@
Casing—Logger	430		
Bit Size	7 7/8		
Type Fluid in Hole	FGM		
Fluid Level	FULL		
Dens. | Visc.	9.9 | 40		
pH | Fluid Loss	--- | -- ml	ml	ml
Source of Sample	MUD PIT		
R_m @ Meas. Temp.	4.29 @ 69 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.93 @ 68 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	---- @ -- °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	M | --		
R_m @ BHT	3.00 @ 99 °F	@ °F	@ °F
Time Since Circ.	17 HOURS		
Max. Rec. Temp.	99 °F	°F	°F
Equip. | Location	4571 | WICH		
Recorded By	COX, PARSLOW		
Witnessed By	NICHSCHERER, AVIS, WHEAT		

Released to Open

RECEIVED
JUN 21 1974
MO. OIL & GAS COUNCIL

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		
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
R_m @ BHT	@ °F	@ °F
Dens. | Visc.		
ph | Fluid Loss	ml	ml
% Water by Vol.		
% Oil by Vol.		
% Solids by Vol.		
Solids Av. Sp. Gr.		

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

FDC Selectors					
Liquid Density	Grain Density	Hole Fluid	Porosity Scale	From	To
1.00	2.71	LIQ.	30/-10	CSG	TD

EQUIPMENT DATA

Run No.	ONE
Panel No.	EA-281
Cart No.	EA-297
Skid No.	D-691
Sonde No.	E-227
Source	2605
Calibrator	272
GR Cart.	E- 26
TTR	----
Mem Panel	B-118

REMARKS
Service Order No. 83603

BIT SIZE CASING DATA

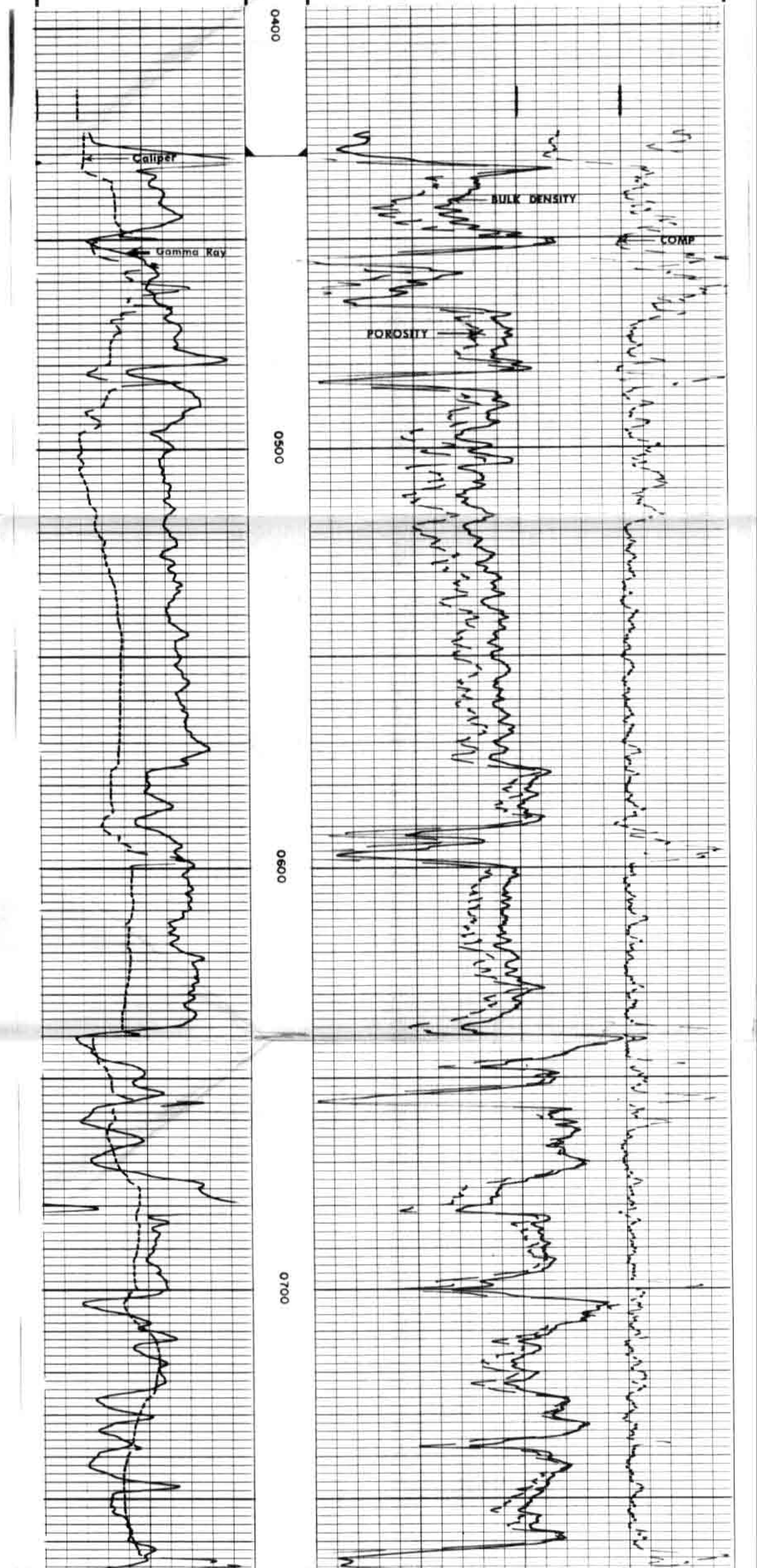
Bit	From	To	Csg. Size	Csg. Wt.	From	To
7 7/8	CSG	TD	8 5/8	--	SURF	430

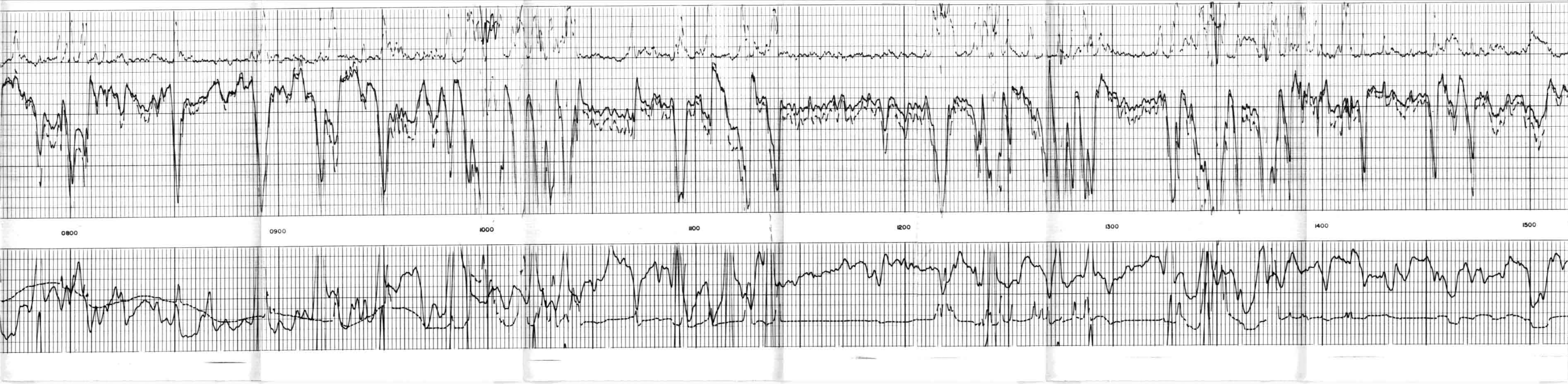
CALIBRATION DATA

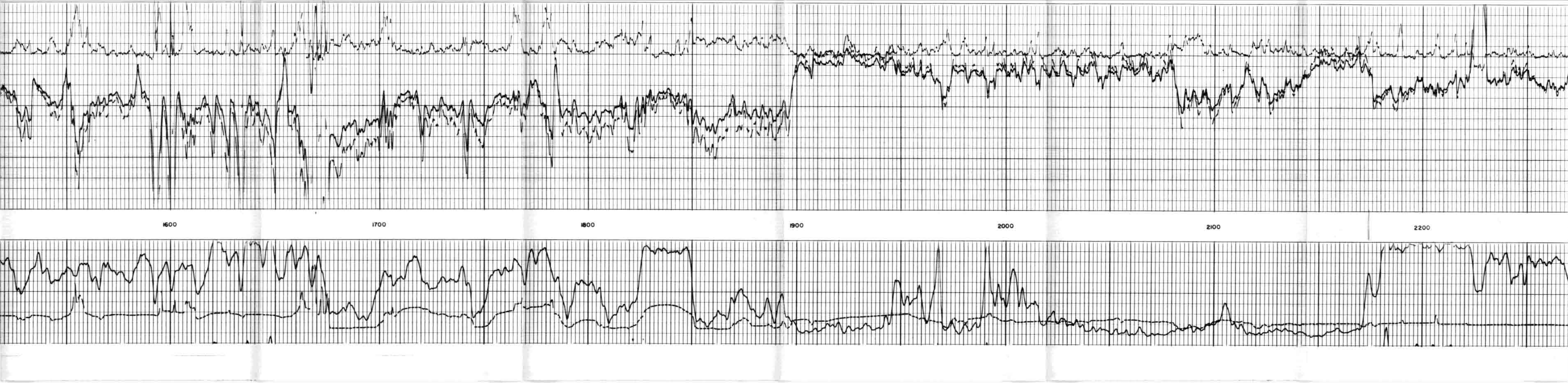
Run No.	Gamma Ray			FDC — Before Log — ACPS		FDC — After Log — ACPS	
	API Scale	Background CPS	Total CPS	P_1	P_2	P_1	P_2
1	200	110	500	356	608	356	608
2							
3							
4							

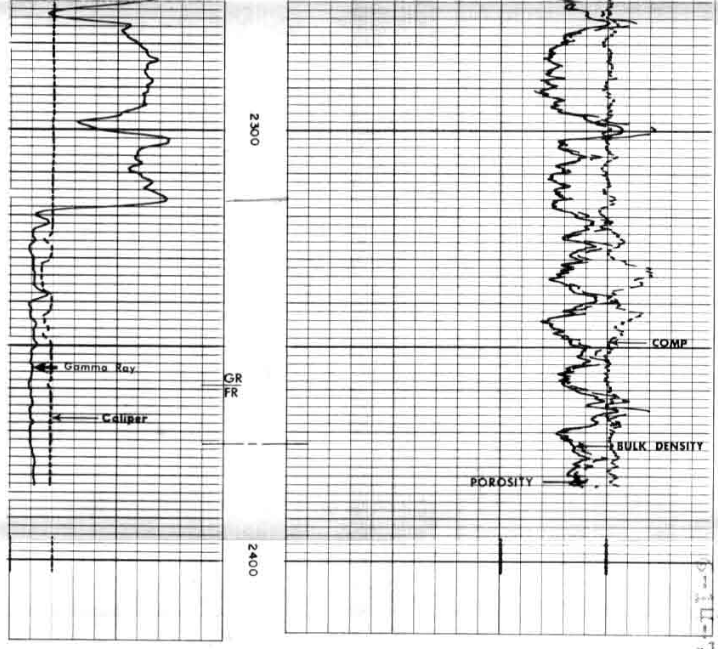
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

	DEPTHS	
CALIPER HOLE DIAM. IN INCHES 6 — 16		**POROSITY** PERCENT 30 20 10 0 −10 −.25 0 +.25 **CORRECTION** GRAMS/CC
GAMMA RAY API UNITS 0 — 160 160 — 320		**BULK DENSITY** GRAMS/CC 2.0 2.5 3.0 1.0 1.5 2.0

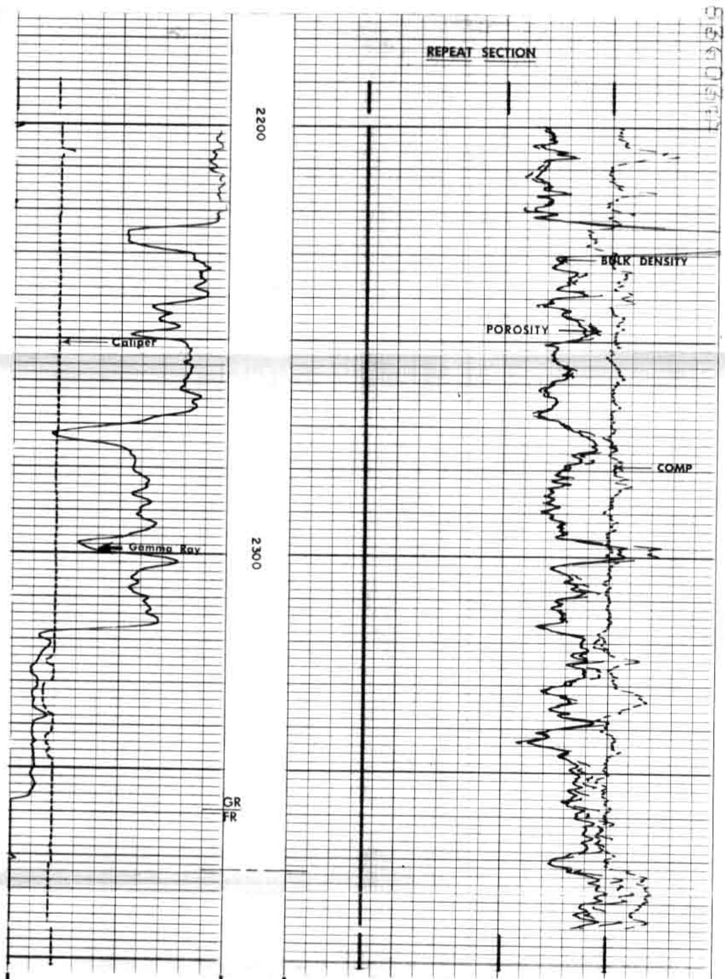






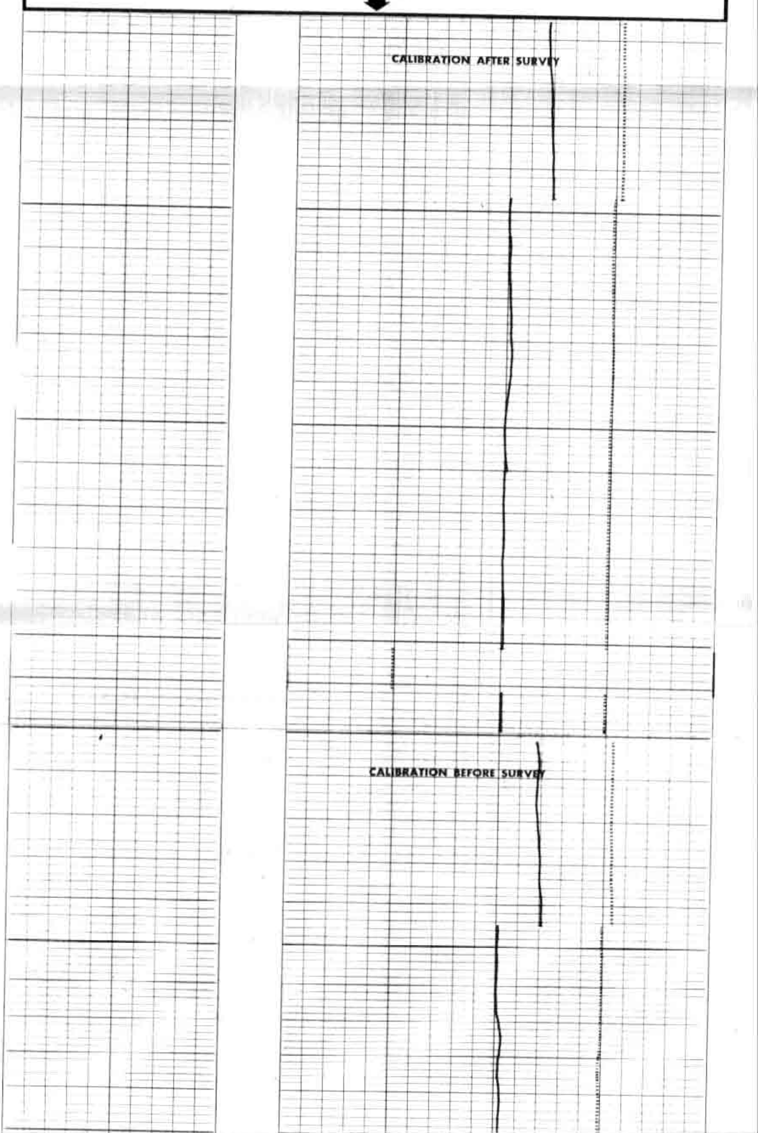


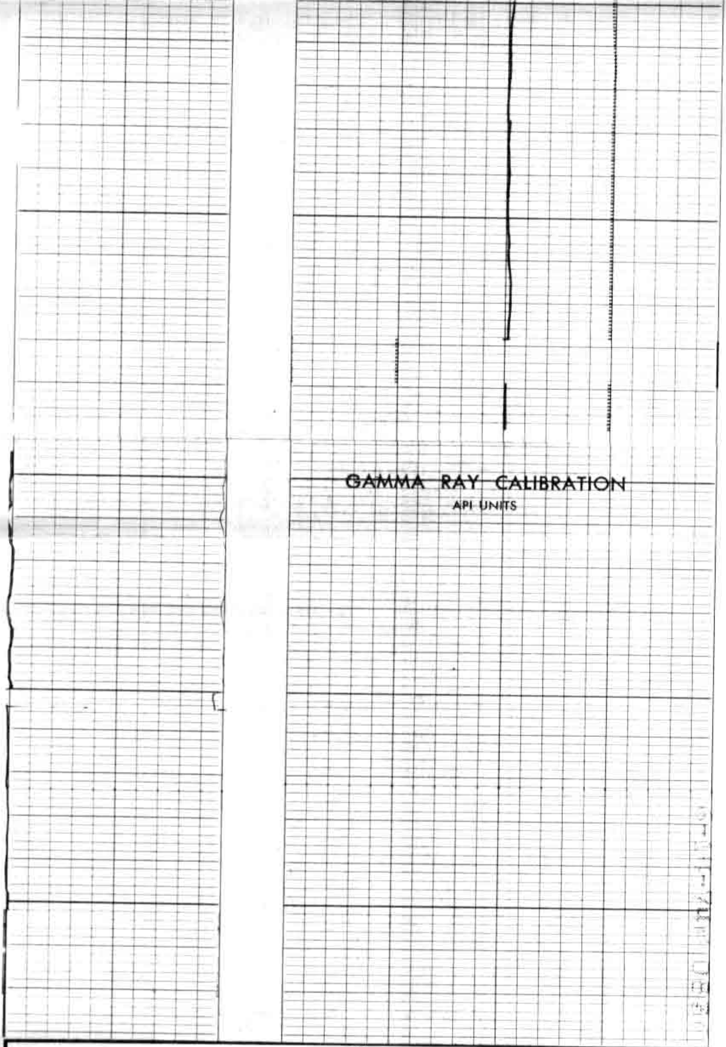
6-14-74W 0536063



0 — 160 160 — 320		2.0 — 2.5 — 3.0 1.0 — 1.5 — 2.0
GAMMA RAY API UNITS		**BULK DENSITY** GRAMS CC.
6 — 16		−.25 — 0 — +.25 **CORRECTION** GRAMS CC. 30 — 20 — 10 — 0 — −10
CALIPER HOLE DIAM. IN INCHES	DEPTHS	**POROSITY** PERCENT

CALIBRATION RECORD





CALIBRATION RECORD

COMPANY SANDS-AMERICAN CORPORATION
WELL MORRIS #1
FIELD WILDCAT
COUNTY HOLT STATE MISSOURI

Rm -- @ -- °F
BHT 99 °F

SCHL. FR 2373
SCHL. TD 2374
DRLR TD 2375
Elev:
KB 1034
DF ----
GL 1030