Dresser Atlas

Gamma Ray Neutron

FILE NO.	1
COMPANY	LACLEDE GAS COMPANY
WELL	DOWDALL NO 2
FIELD	FLORISSANT
COUNTY	ST. LOUIS
STATE	MISSOURI
LOCATION	SW/4 NE/4 SW/4
SEC	6
TWP	47N
RGE	7E
Other Services	
Permanent Datum	GROUND LEVEL
Elev.	
Log Measured from	GROUND LEVEL
Ft. Above Permanent Datum	
Drilling Measured from	
Elevations: KB	
DF	
GL	

Date	9-4-74
Run No.	ONE OW
Type Log	GR/N
Depth-Driller	1024
Depth-Logger	1012
Bottom Logged Interval	1011
Top Logged Interval	SURF
Type Fluid in Hole	WATER
Salinity PPM Cl	
Density Lb./Gal.	
pH and Fluid Loss	cc
Level	80
Max. Rec. Temp. Deg. F	
Opr. Rig Time	
Recorded By	FARIS
Witnessed By	DESSEAUX

MAY 30 1980

MO. OIL & GAS COUNCIL

Bore Hole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
				5 1/2		SURF	994

FOLD HERE

REMARKS

Equipment Used				
Series No.				
Run No.				
S.O.				
Tool No.				
Elec. No.				
Panel No.				

Gamma Ray — Equipment Data		Neutron	
Run No.	ONE	Run No.	ONE
Tool Model No.	402	Log Type	N/N
Diam.	3 5/8	Tool Model No.	402
Detect. Model No.	D4G1	Diam.	3 5/8
Type	SCINT	Detect. Model No.	D6N1
Length	4"	Type	SCINT
Dist. to N. Source	13'	Length	4"
General		Source Model No.	S17R5
Hoist Truck No.	LP3034	Serial No.	30206
Inst. Truck No.		Spacing	19.5
Tool Serial No.		Type	AMBE
		Strength	4.5 CURIES

Logging Data

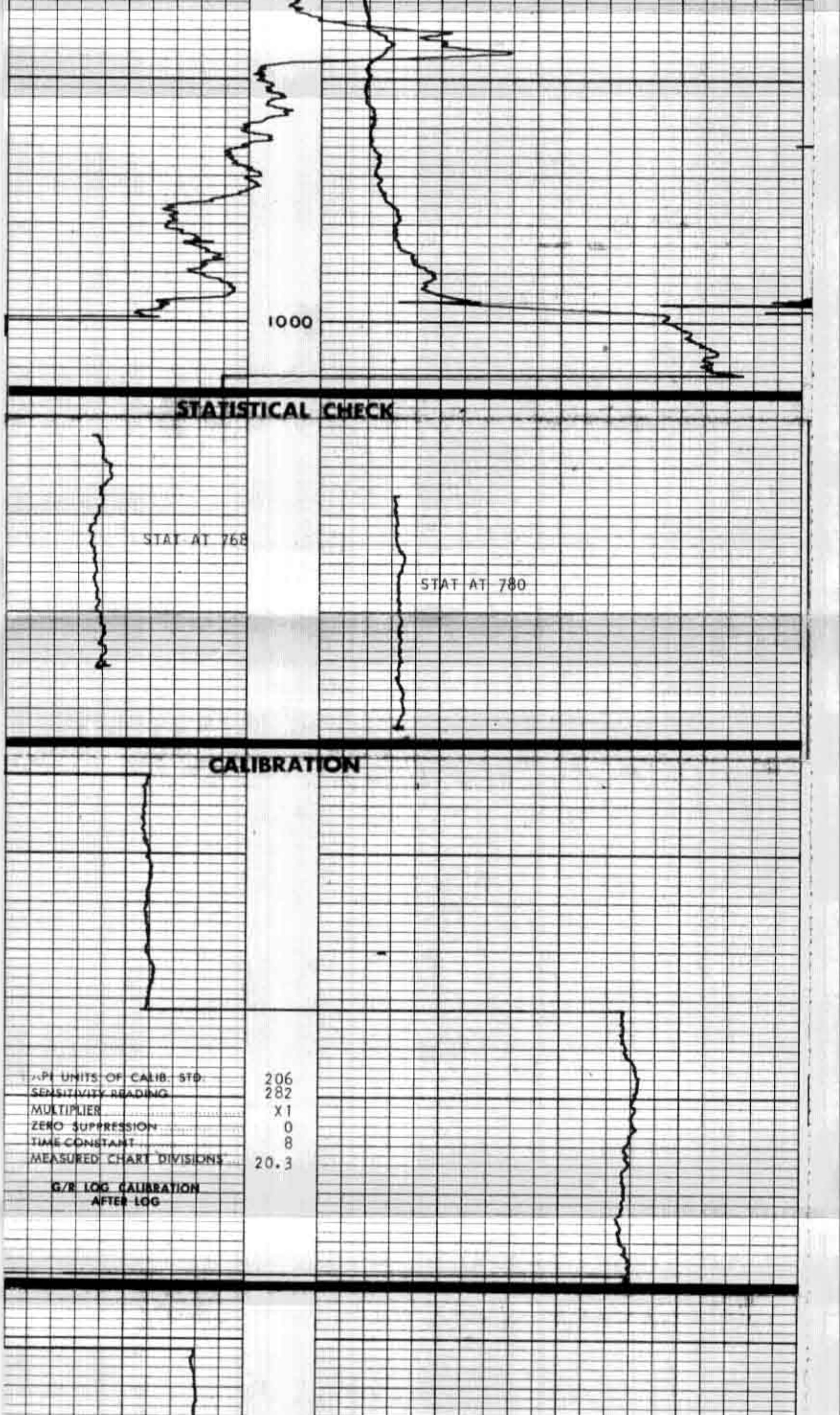
Run No.	Depths From	Depths To	Speed Ft./Min.	GR T.C. Sec.	GR Sens. Settings	GR Zero Div. L or R	API G.R. Units/Div.	N T.C. Sec.	N Sens. Settings	N Zero Div. L or R	API N Units/Div.
	1011	996	28	2.0	282	0	10	2.0	72	L-4	200
	996	SURF	28	2.0	282	0	10	2.0	72	0	200

GAMMA RAY API UNITS	DEPTH	NEUTRON API UNITS
RADIATION INTENSITY INCREASES →		RADIATION INTENSITY INCREASES →
0 — 100	LR SURF	0 — 4000

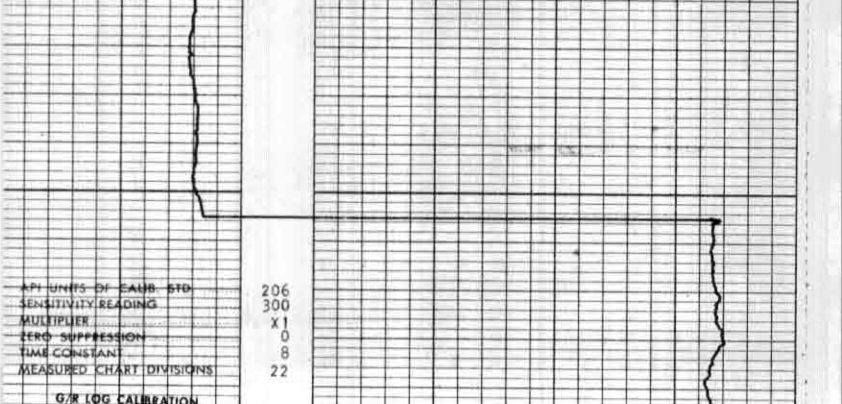
GAMMA RAY API UNITS	DEPTH	NEUTRON API UNITS
0 — 100	FR 1011 TD 1012	800 — 4800
RADIATION INTENSITY INCREASES →		RADIATION INTENSITY INCREASES →

Company	LACLEDE GAS COMPANY	Drillers T.D.	1024
Well	DOWDALL NO 2	Log F.R.	1011
Field	FLORISSANT	Log T.D.	1012
County	ST. LOUIS	Elevations:	
State	MISSOURI	K.B. D.F. G.L.	

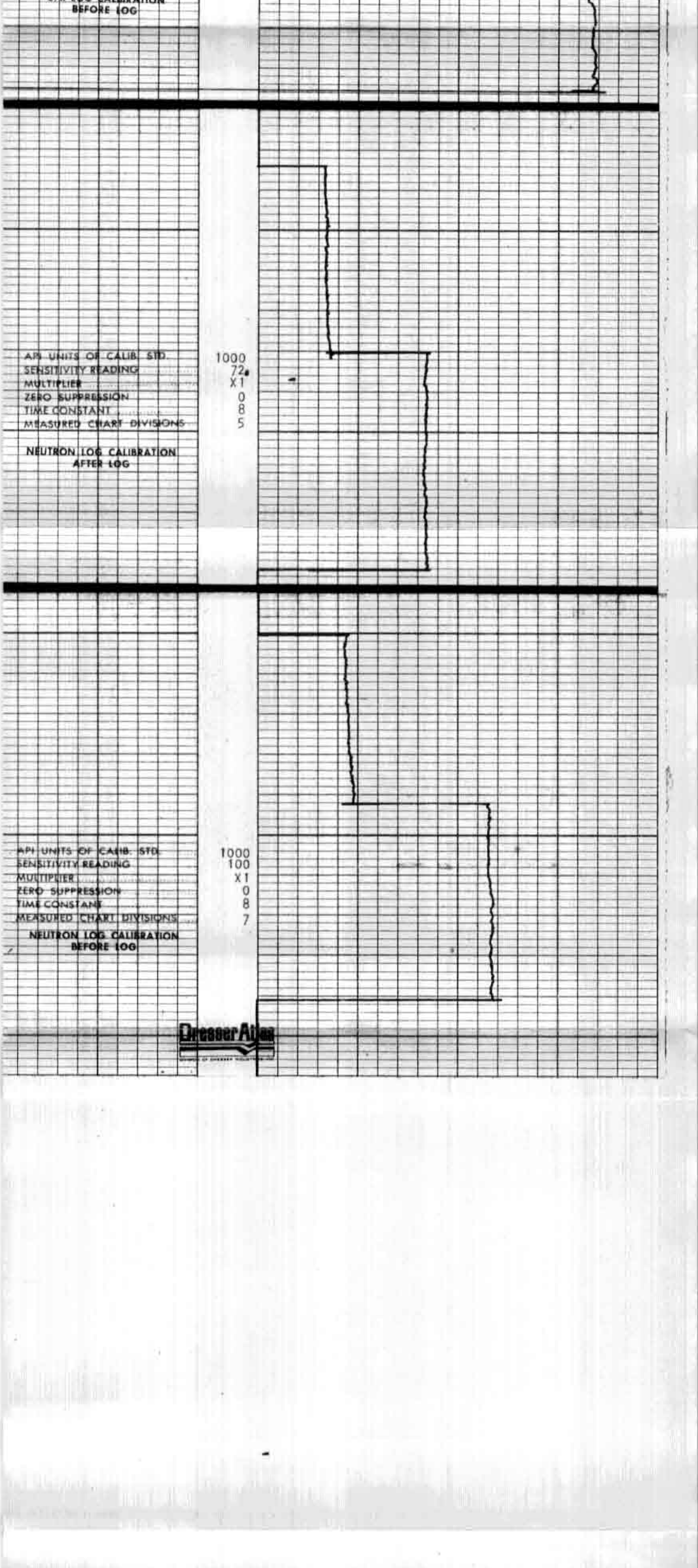
REPEAT SECTION



STATISTICAL CHECK



CALIBRATION



API UNITS OF CALIB. STD. 206
SENSITIVITY READING 282
MULTIPLIER X1
ZERO SUPPRESSION 0
TIME CONSTANT 8
MEASURED CHART DIVISIONS 20.3

G/R LOG CALIBRATION AFTER LOG

API UNITS OF CALIB. STD. 206
SENSITIVITY READING 300
MULTIPLIER X1
ZERO SUPPRESSION 0
TIME CONSTANT 8
MEASURED CHART DIVISIONS 22

G/R LOG CALIBRATION BEFORE LOG

API UNITS OF CALIB. STD. 1000
SENSITIVITY READING 72
MULTIPLIER X1
ZERO SUPPRESSION 0
TIME CONSTANT 8
MEASURED CHART DIVISIONS 5

NEUTRON LOG CALIBRATION AFTER LOG

API UNITS OF CALIB. STD. 1000
SENSITIVITY READING 100
MULTIPLIER X1
ZERO SUPPRESSION 0
TIME CONSTANT 8
MEASURED CHART DIVISIONS 7

NEUTRON LOG CALIBRATION BEFORE LOG

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