Schlumberger

GAMMA RAY–NEUTRON

COMPANY	LACLEDE GAS COMPANY
WELL	BACH #1
FIELD	FLORISSANT
COUNTY	ST. LOUIS
STATE	MISSOURI
Location:	
Sec.	6
Twp.	47N
Rge.	7E
Other Services:	ETT, CBL-VDL

COUNTY ____ FIELD or LOCATION ____ WELL ____ COMPANY ____

Permanent Datum:	G.L.	Elev.:	541.0
Log Measured From	G.L.	0 Ft. Above Perm. Datum	
Drilling Measured From	G.L.		
Elev.: K.B.	—	D.F.	—
G.L.	541.0		

Date	6-2-80
Run No.	ONE
Type Log	GR-N
Depth–Driller	881
Depth–Logger	873
Bottom logged interval	872
Top logged interval	000
Type fluid in hole	OIL + WATER
Salinity, PPM Cl.	—
Density	—
Level	—
Max rec. temp., deg F	—
Operating rig time	1HR
Recorded by	LANGTON
Witnessed by	MR. WERNER

BORE-HOLE RECORD				CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To
				5½	—	SURF	1035

JUN 10 1980

MO. OIL & GAS COUNCIL

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

EQUIPMENT DATA

Run No.	ONE		
Logging Unit	7748		
Location	MT. VERNON		
Tool Type	GNT-K		
Tool Serial No.	420		
Tool Diameter	1 11/16		
GR-Det'r Ser. No.	477		
Type			
Length			
N-Det'r Ser. No.	550		
Type			
Length			
Source Serial No.	A 418		
Type	AMBE		
Strength	5cu		
Spacing			

REMARKS

API Serial No.			
Run No.	ONE		
Service Order No.	120875		
Csg.CollarsRecorded	12 ft. DEEP	ft.	ft.

CALIBRATION DATA

GAMMA RAY			
BKG CPS	90		
Source CPS	350		
Tc - Sec.	6		
Calibrate Sens.	400		

NEUTRON	Before	After	Before	After	Before	After
BKG CPS	8	—				
Source Near CPS	500	500				
Source Far CPS	140	140				
Tc Sec.	6	6				
Calibrate Sens.	500	500				

LOGGING DATA

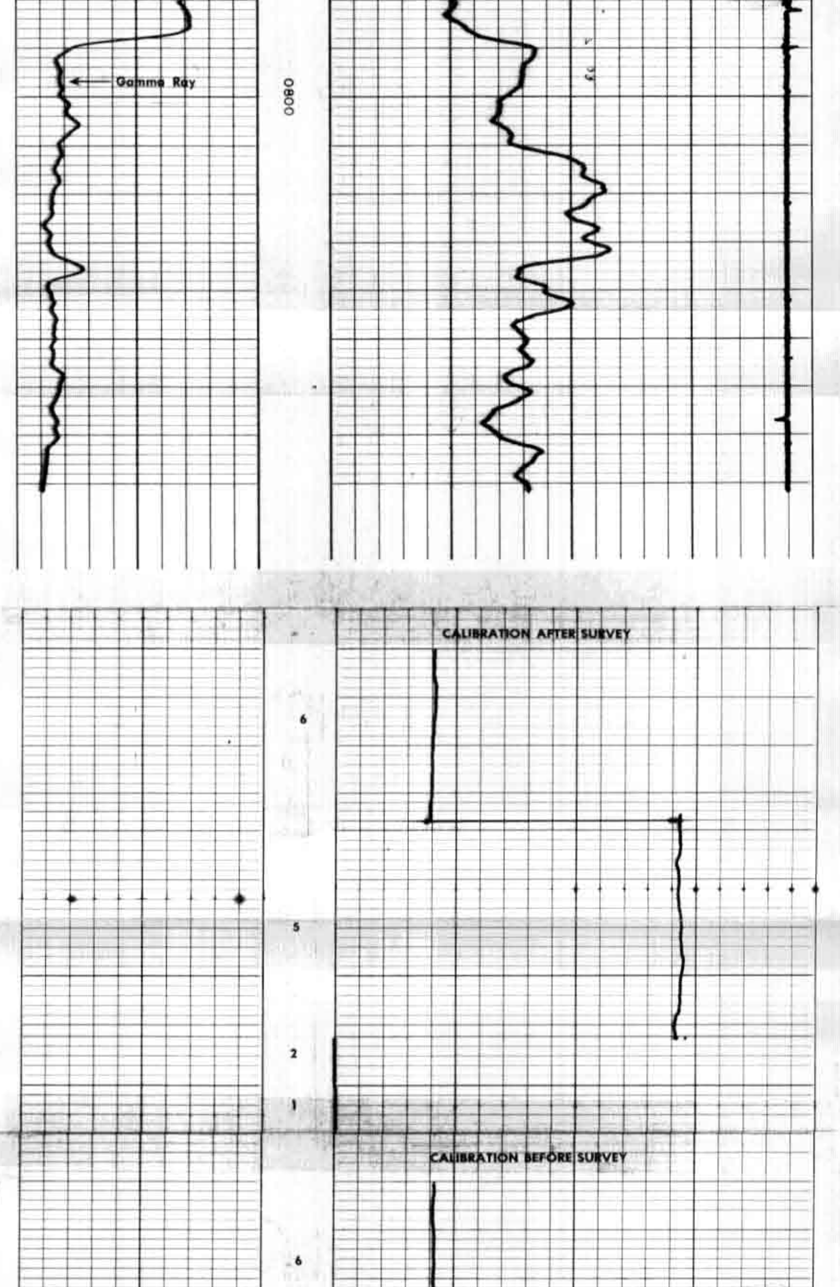
Run No.	Type Log	Depth From	Depth To	Speed ft./min.	Tc Sec.	Scale
1	GR	000	872	30	2	100

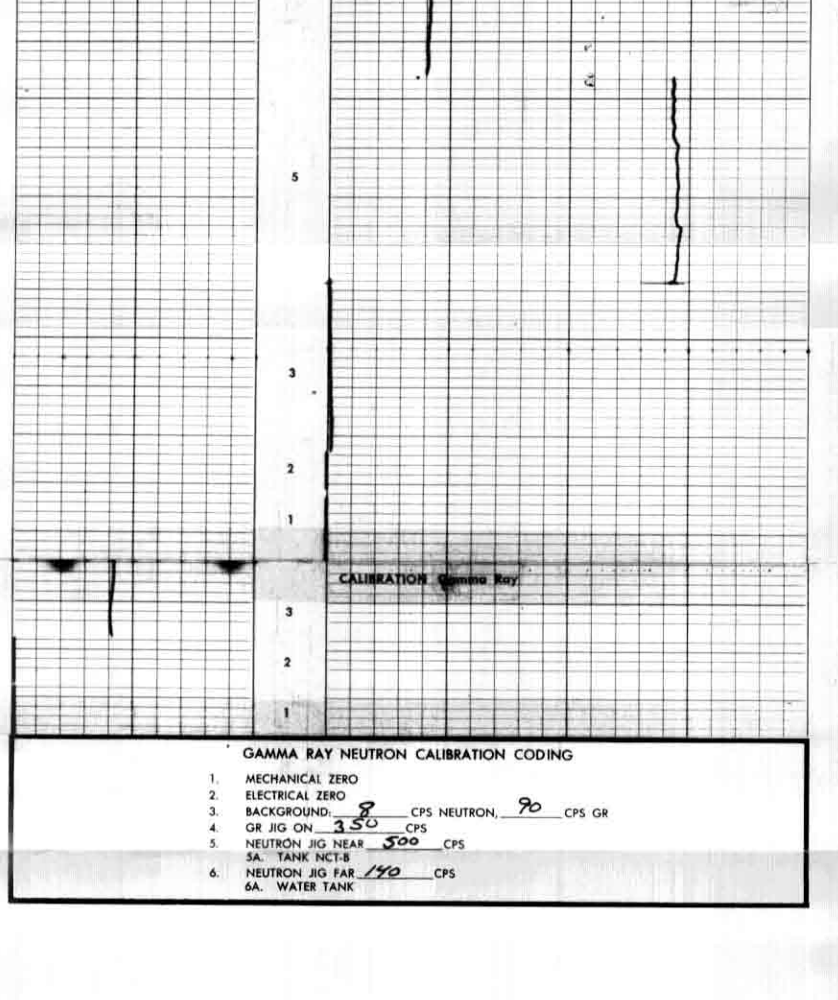
Run No.	Type Log	Depth From	Depth To	Speed ft./min.	Tc Sec.	Log Sens.	Zero L. or R.	Scale
1	NL	000	872	30	2	400	2L	800

GAMMA RAY API UNITS	DEPTHS	NEUTRON API UNITS		
0 — 100		160	960	1760
		1760	2560	3360

Casing Collars Correct Depth — Recorded Casing Collars

REPEAT SECTION





GAMMA RAY NEUTRON CALIBRATION CODING

1. MECHANICAL ZERO
2. ELECTRICAL ZERO
3. BACKGROUND: 8 CPS NEUTRON, 90 CPS GR
4. GR JIG ON 350 CPS
5. NEUTRON JIG NEAR 500 CPS
   5A. TANK NCT-B
6. NEUTRON JIG FAR 140 CPS
   6A. WATER TANK