SCHLUMBERGER

GAMMA RAY

Gamma # 20009

COMPANY LACLEDE GAS COMPANY

WELL MISSOURI HILLS #1-S (Permit #2002)

FIELD STRUCTURE TEST MGS 25084

COUNTY ST. LOUIS STATE MISSOURI

Location: 2250' SL 975' WL N/A

Sec. 10 Twp. 47N Rge. 7E

Other Services: CDM

Permanent Datum: GROUND LEVEL Elev.: N/A

Log Measured From: FT. Above Perm. Datum

Drilling Measured From: FT.

Elev.: K.B. 445.5 D.F. - G.L. -

Date	7/5/67				
Run No.	ONE				
Type Log	GR				
Depth—Driller	446				
Depth—Logger	446				
Bottom logged interval	440				
Top logged interval	18				
Type fluid in hole	WATER				
Salinity, PPM Cl	-				
Density	-				
Level	FULL				
Max rec. temp., deg. F.	65				
Operating rig time	30 MINUTES				
Recorded by	K. TURNER				
Witnessed by	KRETHLEN				

BIT	BORE-HOLE RECORD			CASING RECORD		
No.	Bit	From	To	Size	Wgt.	To
ONE	6 7/8	23	208	6 5/8	-	SURF.
	6 7/8	208	446			23

EQUIPMENT DATA

Gamma Ray

Run No.	ONE
Log Measured No.	1
Equipment No.	6417-E
Det. Type	SCINTILL.
Det. Model No.	5-5
Det. Serial No.	N/A
Gain	-
Sort No. & Source	2000
	2000
Generator	-
	-
Heavy Front No.	-
Light Front No.	-
Light Back No.	-
Location	LUGGAGE

General

Run No.	ONE	Speed	F.C.	Sens.	
Scale	1	Ft.	Min.	Sec.	Setting
		100	1	1	1000

Reference Elevations:

Remarks:

Neutron

Run No.	
Log Measured No.	
Equipment No.	
Det. Type	
Det. Model No.	
Det. Serial No.	
Lamp	
Lamp Serial No.	
Source	
Source Strength	
Type	
Length	

Gamma Ray

Speed	F.C.	Sens.			
Ft.	Min.	Sec.	Setting		
100	1	1	1000		

LOGGING DATA

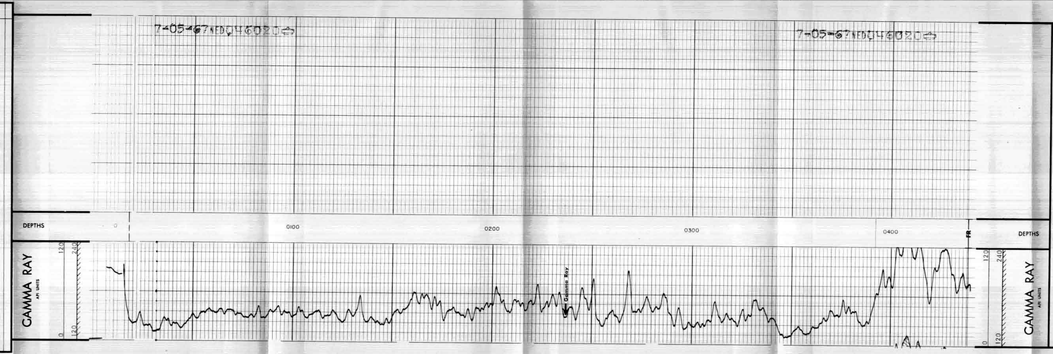
Run No.	ONE				
Log Measured No.	1				
Equipment No.	6417-E				
Det. Type	SCINTILL.				
Det. Model No.	5-5				
Det. Serial No.	N/A				
Gain	-				
Sort No. & Source	2000				
	2000				
Generator	-				
	-				
Heavy Front No.	-				
Light Front No.	-				
Light Back No.	-				
Location	LUGGAGE				

Neutron

Run No.	
Log Measured No.	
Equipment No.	
Det. Type	
Det. Model No.	
Det. Serial No.	
Lamp	
Lamp Serial No.	
Source	
Source Strength	
Type	
Length	

Gamma Ray

Speed	F.C.	Sens.			
Ft.	Min.	Sec.	Setting		
100	1	1	1000		



SWC ft 440
SWC ID 2.46
SWC 2.46
Elev. -
KB -
GL -

COMPANY LACLEDE GAS COMPANY
WELL MISSOURI HILLS #1-S
FIELD STRUCTURE TEST
COUNTY ST. LOUIS STATE MISSOURI

RADIOACTIVITY CALIBRATION DATA

CALIBRATION BEFORE SURVEY

Mechanical Zero

Fig. 1: Test Positive
Gr-20, ft. 6, Sens-100

Fig. 2: Repeat Positive
Gr-20.3, ft. 6, Sens-100

Water Tank
Gr-7.3, ft. 6, Sens-100

Hold Tank
Gr-3.9, ft. 6, Sens-100

Normal Background
Gr-1.1, ft. 6, Sens-100

Electrical Zero

Mechanical Zero

NATIONAL
LOGGING SERVICES
GRT-5
BLUE BOX
6-1-67