SCHLUMBERGER

MICROLOG (WITH CALIPER)

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

No permit number

COUNTY ST. LOUIS
FIELD or FLORISSANT
LOCATION N/A
WELL ERWIN #1 UGS
COMPANY LACLEDE GAS CO.

COMPANY LACLEDE GAS COMPANY
WELL ERWIN #1 UGS
FIELD FLORISSANT
LOCATION N/A
COUNTY ST. LOUIS
STATE MISSOURI

Location of Well

Other Surveys NONE

Elevations: K.B. 555
D.F.
or G.L. 546

Log Depths Measured From KB 9 Ft. above G.L.

RUN No.	ONE	TWO	
Date	10-9-62	10-14-62	
First Reading	1156	1437	
Last Reading	89	1154	
Feet Measured	1067	283	
Depth Reached	1157	1438	
Bottom Driller	1158	1435	
Mud Nat.	GEL	GEL	
Dens. / Visc.	10 / 42	13.5 / 68	
Mud Resist.	3.32 @ 72 °F	3.0 @ 75 °F	@ °F
" Res. BHT	@ °F	3.0 @ 75 °F	@ °F
" pH	@ °F	@ °F	@ °F
" Wtr. Loss	CC 30 min	CC 30 min	CC 30 min
" Rmf	2.3 @ 72 °F	2.7 @ 75 °F	@ °F
" Rmc	4.6 @ 72 °F	2.5 @ 74 °F	@ °F
Mud Log: Rm / Depth			
Bit Size	13 3/4	9 7/8	
Sonde Type	PMS-A	PMS-A	
Pad Type	HYD	HYD	
Opr. Rig Time	2 1/2 HR.	1 HR.	
Truck No.	2950 - LINCOLN	2937 - LINCOLN	
Recorded By	MCCLUSKEY	VOGEL	
Witness	THOMAS	THOMAS	

FOLD HERE

REMARKS MUD SOURCE: PIT

COMPANY LACLEDE GAS COMPANY	Rm 3.0 @ 75 °F	SWSC FR 1437	
WELL ERWIN #1 UGS	Rmf 2.7 @ 75 °F	SWSC TD 1438	
FIELD FLORISSANT	Rmc 2.5 @ 74 °F	DRLR TD 1435	
COUNTY ST. LOUIS STATE MISSOURI	BHT 75 °F	Elev: KB 555 DF GL 546	