SCHLUMBERGER DUAL INDUCTION - LATEROLOG

COMPANY	LACLEDE GAS COMPANY
WELL	CHAMP #4
FIELD	FLORISSANT
COUNTY	ST. LOUIS
STATE	MISSOURI
LOCATION	1800' FSL + 100' FWL
Sec.	1
Twp.	47N
Rge.	6E
Other Services	SNP-GR, FDC-GR, ML

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COUNTY / FIELD or LOCATION / WELL / COMPANY

Permanent Datum	GL, Elev. -
Log Measured From	KB, 13 Ft. Above Perm. Datum
Drilling Measured From	KB
Elev.: K.B.	-
D.F.	-
G.L.	-

Date	7-22-71
Run No.	ONE
Depth—Driller	1606
Depth—Logger	1601
Btm. Log Interval	1597
Top Log Interval	465
Casing—Driller	10¾ @ 463
Casing—Logger	463
Bit Size	7⅞
Type Fluid in Hole	FGM
Dens. / Visc.	12.2 / 55
pH / Fluid Loss	- / - ml
Source of Sample	PIT
R_m @ Meas. Temp.	1.83 @ 86 °F
R_{mf} @ Meas. Temp.	1.30 @ 86 °F
R_{mc} @ Meas. Temp.	2.90 @ 86 °F
Source: R_{mf} / R_{mc}	CHART / CHART
R_m @ BHT	- @ 71 °F
Time Since Circ.	8 HOURS
Max. Rec. Temp.	71 °F
Equip. / Location	3002 / WATSEKA
Recorded By	JONES
Witnessed By	SCHMIDT

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

REMARKS

Changes in Mud Type or Additional Samples		
Date / Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. / Visc.		
ph / Fluid Loss	ml	
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} / R_{mc}		
R_m @ BHT	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F

Scale Changes			
Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data			
Run No.	Tool Type	Tool Position	Other

Run No.:
C.D.:
S.O.:
Equip. PANEL No.:
Used: CART. No.:
SONDE No.:
IAP No.:
S.B.R.:

Check one, filling in blanks where applicable:
[X] Surface determined sonde errors used for ILM and ILD.
[ ] ILM and ILD sonde errors corrected for ___ inch borehole signal at R_m =
[ ] ILM and ILD zeros set in hole at depth of ___ feet.

SPONTANEOUS-POTENTIAL millivolts | DEPTHS | RESISTIVITY ohms. m^2/m

LATEROLOG - 8	0.2	1.0	10	100
	1000 2000			

LATEROLOG – 8: 0.2 — 1.0 — 10 — 100 — 1000 2000

MEDIUM INDUCTION LOG: 0.2 — 1.0 — 10 — 100 — 1000 2000

DEEP INDUCTION LOG: 0.2 — 1.0 — 10 — 100 — 1000 2000

SPONTANEOUS-POTENTIAL millivolts (10, − +) | DEPTHS | RESISTIVITY ohms – m^2/m

COMPANY	LACLEDE GAS COMPANY	SCHL. FR	1597
WELL	CHAMP #4	SCHL. TD	1601
FIELD	FLORISSANT	DRLR TD	1606
COUNTY	ST. LOUIS	Elev: KB	-
STATE	MISSOURI	DF	-
		GL	-