SCHLUMBERGER WELL SURVEYING CORPORATION

COUNTY ST. LOUIS
FIELD or AREA FLORISSANT
WELL LANGE UGS #6
COMPANY THE LACLEDE GAS CO.

MICROLOGING®

COMPANY THE LACLEDE GAS
WELL LANGE UGS #6
FIELD FLORISSANT
COUNTY ST. LOUIS
STATE MISSOURI
Elevation: K.B. D.F. G.L.
Permanent Datum: GROUND LEVEL
Log Measured from: K.B. 7.0 Above Perm. Datum
Drilling Measured from: K.B.
Date 8-1-2010
Run Number ONE
Depth-Driller 1500
Depth-Logger 1500
Bottom Log Interval 1500
Top Log Interval SURFACE
Casing-Driller 8 5/8 @ 1500
Casing-Logger 8 5/8 @ 1500
Bit Size 7 7/8
Type Fluid in Hole WATER
Density and Viscosity 8.4 LB/GAL
pH and Fluid Loss
Source of Sample PIT
Rm @ Measured Temp. 1.0 @ 70 °F
Rmf @ Measured Temp. 0.8 @ 70 °F
Rmc @ Measured Temp. 1.2 @ 70 °F
Source of Rmf and Rmc MEASURED
Rm @ BHT 0.6 @ 120 °F
Time Since Circulation 12 HRS
Time Since Circulation 4 HRS
Max. Rec. Temp. 120 °F
Equipment Location 2-1
Recorded by J. HOLLIS
Witnessed by J. HOLLIS

REMARKS

MICROCALIPER

RESISTIVITY
ohms. m²/m

4 7 8 9 10 11 12 13 14 15 16
Hole Diameter in Inches

Micro Inverse 1" x 1" 50 100
Micro Normal 2" 50 100

RUN NO. ONE

1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500

4 7 8 9 10 11 12 13 14 15 16
Hole Diameter in Inches

Micro Inverse 1" x 1" 50 100
Micro Normal 2" 50 100

MICROCALIPER

RESISTIVITY
ohms. m²/m

COMPANY THE LACLEDE GAS CO. Run 4.5 78 °F SWSC FR 155
WELL LANGE UGS #6 Rmf — °F SWSC TO 1500
FIELD FLORISSANT Rmc — °F DRLR FR 1475
COUNTY ST. LOUIS STATE MISSOURI BHT — °F Elev. KB DF GL

RUN NO. TWO

1450
1460
1470

4 7 8 9 10 11 12 13 14 15 16
Hole Diameter in Inches

Micro Inverse 1" x 1" 50 100
Micro Normal 2" 50 100

MICROCALIPER

RESISTIVITY
ohms. m²/m

COMPANY THE LACLEDE GAS CO. Run 2.1 66 °F SWSC FR 1475
WELL LANGE UGS #6 Rmf — °F SWSC TO 1475
FIELD FLORISSANT Rmc — °F DRLR FR 1475
COUNTY ST. LOUIS STATE MISSOURI BHT — °F DRLR TO 1475
Elev. KB DF GL