SCHLUMBERGER

GAMMA RAY

COMPANY LACLEDE GAS COMPANY
WELL A.G. FOELLER #1-5
FIELD FLORISSANT
COUNTY ST. LOUIS STATE MISSOURI

Other Services
CDN

Permanent Datum: GL Elev. 0
Log Measured From: KB 10 Ft. Above Perm. Datum
Drilling Measured From: KB

Date 8-8-83
Run Number ONE
Depth-Driller 1600
Depth-Logger 1598
Bottom Logged Interval 1598
Top Logged Interval SURFACE
Casing-Driller 8 5/8 @ 20
Casing-Logger SURFACE
Bit Size 7 7/8
Type Fluid in Hole WATER
Dens. Visc. NA
pH NA
Fluid Loss NA
Source of Sample PIT
Rm @ Meas. Temp. NA
Rmf @ Meas. Temp. NA
Rmc @ Meas. Temp. NA
Source: Rmf NA Rmc NA
Rm @ BHT NA
Time Since Circ. 1 HR
Max. Rec. Temp. 90 °F
Equipment Location 1 MILE
Recorded By HOLLIS
Witnessed By MR. CARREL

Date 8-8-83
Run Number ONE
Depth-Driller 1600
Depth-Logger 1598
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Time Since Circ. 1 HR
Max. Rec. Temp. 90 °F
Equipment Location 1 MILE
Recorded By HOLLIS
Witnessed By MR. CARREL

Elev.: K.B. 527
D.F. 525
G.L. 523

This well conforms to the standards and specifications of API RP 33 and API Spec 5A

The well name, location and location coordinates above were verified by the customer

EQUIPMENT DATA

Run No. ONE
Tool Model No. GRC-101184
Diameter 3 3/8
Det. Model No. SGDP-533
Type Scint.
Length 8'

Gamma Ray
Reference Literature:
CAL. 1.6/46 SENS. 500
BERGG. - 176 CPS.
JIG. - 528 CPS.

General
Motor Truck No. 5510
Test Truck No. 5510
Tool Serial No. GRC-101184
Location MT. CARMEL

LOGGING DATA

General Run No.	Depths From	To	Speed F/Min	T.C. Sec.	Gamma Ray Calibrator	Gamma Ray Div. Cor. #	API G.R. Units per Log Div.

Remarks:

LOGGING SPEED = 30'/MIN.

GAMMA RAY RADIOACTIVITY INCREASES 0 — 150

GAMMA RAY RADIOACTIVITY INCREASES 150 — 0

LR

Casing Collars

Correct Depth

C.S.G.

Gamma Ray

0000

0020

0040

0060

0080

0100

0120

0140

0160

0180

0200

SCALE CHANGE

200 — 0

GAMMA RAY RADIOACTIVITY INCREASES 0 — 150

DATUM

GAMMA RAY RADIOACTIVITY INCREASES 150 — 0

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FIELD FLORISSANT
COUNTY ST. LOUIS STATE MISSOURI

Rm @ °F
Rmf @ °F
Rmc @ °F
Bht @ °F

SWSC FB 230
SWSC TD 505
DRLR TD 505
Elev.
KB 527
DF
GL 523

CALIBRATION BEFORE SURVEY

1-in

CALIBRATION AFTER SURVEY

1-in