G00932

Schlumberger

BOREHOLE GEOMETRY LOG

COMPANY CITY UTILITIES OF SPRINGFIELD

WELL CITY UTILITIES NO.10 - ORCHARD CREST

FIELD ---

COUNTY GREENE STATE MISSOURI

LOCATION SPOT LOCATION NOT AVAILABLE

SURV. ORCHARD CREST ADDITION (YORK)

Other Services: NONE

COUNTY GREENE
FIELD or LOCATION SURV. ORCHARD CREST
WELL CITY UTILITIES NO.10 ORCHARD CREST
COMPANY CITY UTILITIES

Permanent Datum: GROUND LEVEL, Elev. ---
Log Measured From CSG.H.F., 1.5 Ft. Above Perm. Datum
Drilling Measured From CSG.H.F.

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

Date	12-18-74			
Run No.	ONE			
Depth—Driller	1216			
Depth—Logger	1210			
Btm. Log Interval	1208			
Top Log Interval	0003			
Casing—Driller	8 5/8@ 389	@	@	@
Casing—Logger	381			
Bit Size	10"(CSG.-450)8"(450-T.D.)			
Type Fluid in Hole	FRESH WATER			
Fluid Level	---			
Dens. / Visc.	--- / ---			
pH / Fluid Loss	--- / --- ml	ml	ml	ml
Source of Sample	---			
R_m @ Meas. Temp.	--- @--- °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	--- @--- °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	--- @--- °F	@ °F	@ °F	@ °F
Source R_{mf} / R_{mc}	--- / ---			
R_m @ BHT	--- @--- °F	@ °F	@ °F	@ °F
Time Since Circ.	---			
Max. Rec. Temp.	83 °F	°F	°F	°F
Equip. / Location	7017 / FT.SMITH			
Recorded By	DAWES, MC GINNESS			
Witnessed By	PLANK, HICKS			

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

EQUIPMENT DATA

Run No.	ONE
Panel No.	D-807
Mech. Cart. No.	GN-780B
Elect. Cart. No.	CB-901
Sonde No.	FA-755
SAH	---
TTR No.	8-856
Speed - FPM	40

REMARKS

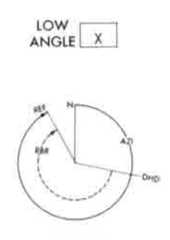
Service Order No. 11462
API Serial No.

LOGGING DATA

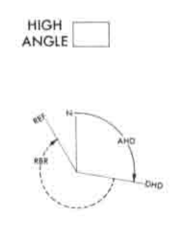
Tool Azimuth And Hole Direction Definitions:

(DHD) HIGH SIDE OF TOOL = Direction from center of tool to upper side of tool.
(N) NORTH = Direction from center of tool to Magnetic North.
(REF) REFERENCE ELECTRODE = Direction from center of tool to #1 electrode.
(AZI) AZIMUTH OF REFERENCE ELECTRODE = Clockwise angle from N to REF.
(RBR) RELATIVE BEARING = Clockwise angle from DHD to REF.
(AHD) AZIMUTH OF HOLE DEVIATION (TOOL AXIS) = Clockwise angle from N to DHD.

LOW ANGLE [X] HIGH ANGLE [ ]



EXAMPLE
Low Angle Unit (0-36°)



EXAMPLE
High Angle Unit (0-72°)

ORIENTATION	DEPTHS	FOUR ARM CALIPER

AZIMUTH (AZI From Low Angle / AHD From High Angle) OF REFERENCE ELECTRODE (REF)
0° 120° 240° 360°

RELATIVE BEARING (RBR)
0° 120° 240° 360°

DEVIATION
0° 9°

CALIPER-ARM 1 TO ARM 3
24 22 20 18 16 14 12 10 8 6

CALIPER-ARM 2 TO ARM 4
24 22 20 18 16 14 12 10 8 6

Springfield Utilities
Greene Co.