

WATER WELL RECORD (WWC-5)

KOLAR DOC ID _____ WELL ID _____
 Original Record Correction Change in Well Use

LOCATION OF WATER WELL

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

WATER WELL OWNER

Name	
Business	
Address	
Well location	
at owner's address	

WELL WATER USE

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COMPLETION

Depth of completed well: _____ ft.
Depth(s) groundwater encountered:
(1) _____ ft.; (2) _____ ft.;
(3) _____ ft.; (4) dry well
Static water level in well: _____ ft.
measured below land surface
on (mm/dd/yy): _____
measured above land surface
on (mm/dd/yy): _____
Estimated yield: _____ gpm
Water level was: _____ ft. after _____ hours
pumping _____ gpm
Pump installed? Yes No
Water well disinfected? Yes No
Date disinfected (mm/dd/yy): _____
Aquifer, if known:

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
No potential source of contamination within 100 feet.

CONSTRUCTION

Borehole interval:	Borehole diameter:
from _____ to _____ ft.	_____ in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: _____ in.	
If casing height is less than 12 in. has a variance been approved?*	
Yes No	
*variance not required for monitoring or environmental remediation wells	
Casing type: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals:	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
Gravel pack intervals:	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: _____
KDHE / EPA Project Code: _____
Site Name: _____
KDHE UIC Class V Form Completed: Yes No
County Permit: Yes No Permit ID: _____
Lease Name & Well #: _____
of boreholes: _____ # of dewatering wells: _____

LITHOLOGIC LOG

FROM	TO	LITHOLOGY INTERVALS

COMMENTS

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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed reconstructed pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: _____.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Celsius Geothermal Well LTC-T1
API:
Location: Lawrence, KS
License Number: Region: Midwest
Spud Date: 8/2/2022 Drilling Completed:
Surface Coordinates:
Bottom Hole
Coordinates:
Ground Elevation (ft): K.B. Elevation (ft): 797
Logged Interval (ft): To: Total Depth (ft):
Formation: Kansas City Group
Type of Drilling Fluid: Water

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Celsius Ehergy
Address: 1 Hampshire St
Cambridge, MS 02139

GEOLOGIST

Name: Chuck Shepherd
Company: Edge Systems
Address:

Wireline Logs

ROCK TYPES

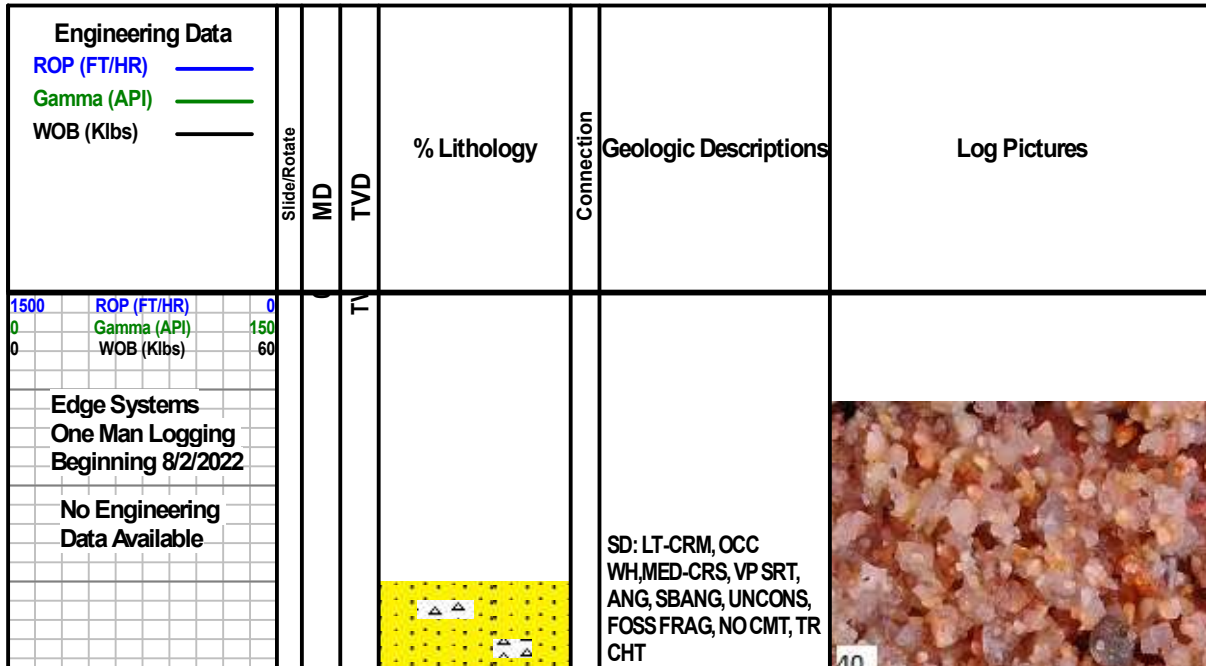
	Cmt		Clyst		Igne		Shale
	Anhy		Sand		Lmst		Shcol
	Bent		Congl		Meta		Shgy
	Brec		Dol		Mrlst		Sltst
	Cht		Gyp		Salt		Till

ACCESSORIES

MINERAL							
	Anhy		Minxl		Crin		Gyp
	Arggrn		Nodule		Echin		Ls
	Arg		Phos		Fish		Mrst
	Bent		Pyr		Foram		Sltstrg
	Bit		Salt		Fossil		Ssstrg
	Brecfrag		Sandy		Gastro	TEXTURE	
	Calc		Silt		Oolite		Boundst
	Carb		Sil		Ostra		Chalky
	Chtdk		Sulphur		Pelec		Cryxln
	Chtlt				Pellet		Earthy
	Dol	FOSSIL			Pisolite		Finexln
	Feldspar		Algae		Plant		Grainst
	Ferrpel		Amph		Strom		Lithogr
	Ferr		Belm	STRINGER			Microxln
	Glau		Bioclst		Anhy		Mudst
	Gyp		Brach		Arg		Packst
	Hvmin		Bryozoa		Bent		Wackest
	Kaol		Cephal		Coal		
	Marl		Coral		Dol		

OTHER SYMBOLS

INTERVALS		POROSITY TYPE		SORTING			
	Core		Earthy		Well		Angular
	Dst		Fenest		Moderate	OIL SHOWS	
EVENTS			Fracture		Poor		Even
	Rft		Inter	ROUNDING			Spotted
	Casing		Moldic		Rounded		Ques
			Organic		Subrnd		Dead
			Pinpoint		Subang		
			Vuggy				



TOP OREAD LS FM
ESTIMATED @ ~60' MD

ESTIMATED TOP OF
THE LAWRENCE
GROUP, IRELAND
SANDSTONE 160' MD

NO SAMPLE AVAILABLE
@ 170' MD

1500	ROP (FT/HR)	0
0	Gamma (API)	150
0	WOB (Klbs)	60

50
100
150
200
250
TVD



SH: GY-DK GY, V SFT,
BLKY-SBBLKY, V CALC,
TR CHT

SH: GY-DK GY, SFT-FRM,
BLKY-SBBLKY, BRIT IP,
V CALC

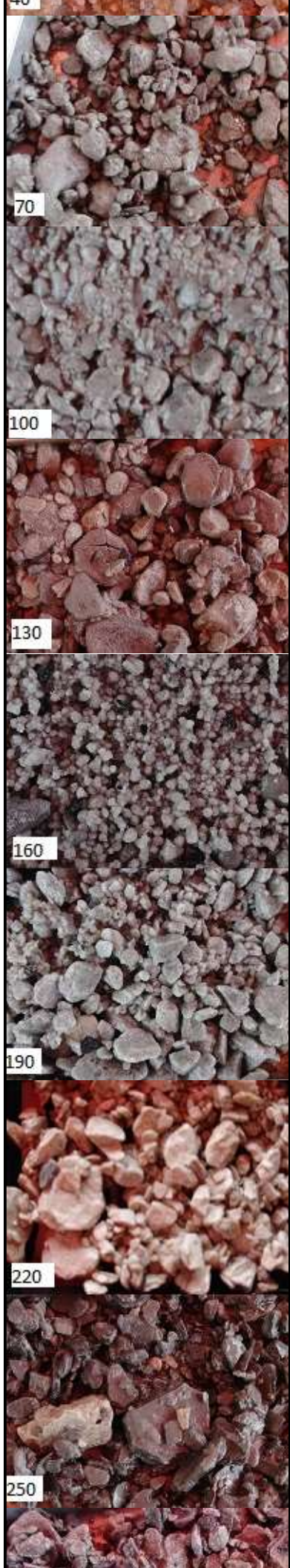
LS: GY-DK GY, OCC DR
BRN, MDST,
MXLN-CRSXLN, MASS, V
ARG, FOSS FRAG

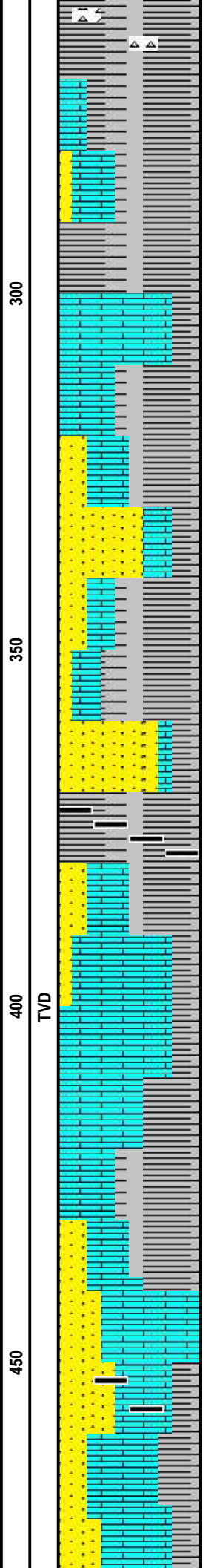
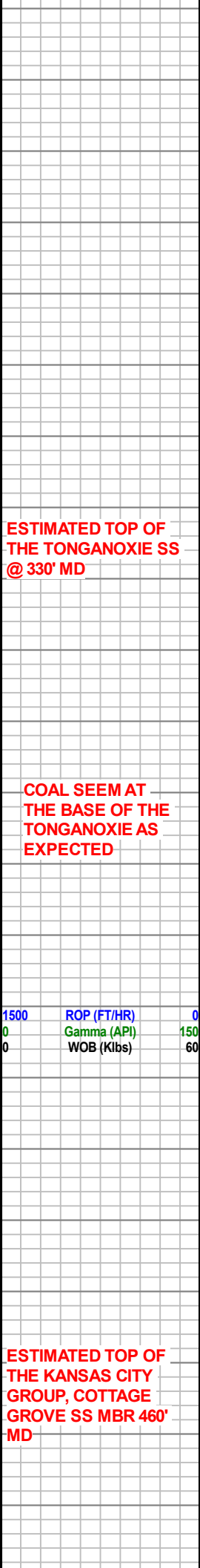
SD: LT-CRM, OCC WH,
MED-CRS, VP SRT, ANG,
SBANG, UNCONS, FOSS
FRAG, NO CMT

LS: GY-DK GY, OCC DR
BRN, MDST,
MXLN-CRSXLN, MASS, V
ARG, FOSS FRAG

LS: GY-DK GY, OCC LT
GY, MDST,
MXLN-CRSXLN, MASS, V
ARG, FOSS FRAG

SH: GY-DK GY, OCC BLK,
FRM-HD, BLKY-SBBLKY,
BRIT IP, V CALC





SH: LT GY-DK GY, OCC
BLK, FRM-HD, BLKY-
SBBLKY, BRIT IP, V CALC

280



LS: LT TN-TN, OCC LT
GY, MDST, MXLN-
CRSXLN, MASS, SLI ARG

310

SD: GY-DK GY, MED-CRS,
VP SRT, ANG, SBANG,
UNCONS, FOSS FRAG,
NO CMT

340

SD: GY-DK GY, OCC LT
GY, MED-CRS, VP SRT,
ANG, SBANG, UNCONS,
NO CMT

370

LS: LT TN-TN, OCC LT
GY, MDST, MXLN-
CRSXLN, MASS, SLI ARG

400

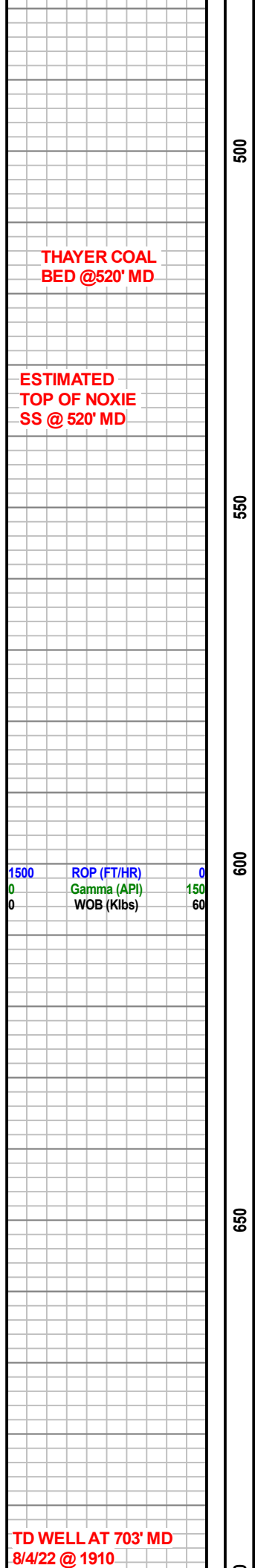
SH: LT GY-DK GY, OCC
BLK, FRM-HD, BLKY-
SBBLKY, BRIT IP, V CALC

430

SD: GY-DK GY, MED-CRS,
VP SRT, ANG, SBANG,
UNCONS, TR COAL, NO
CMT

460

SD: GY-DK GY, MED-CRS,
VP SRT, ANG



THAYER COAL
BED @ 520' MD

ESTIMATED
TOP OF NOXIE
SS @ 520' MD

1500 ROP (FT/HR) 0
0 Gamma (API) 150
0 WOB (Klbs) 60

TD WELL AT 703' MD
8/4/22 @ 1910

500

550

600

650

TVD

P-MOD SRT, ANG-
SBANG, UNCONS, TR
COAL, NO CMT

SH: LT GY-DK GY, OCC
BLK, FRM-HD, BLKY-
SBBLKY, BRIT IP, V
CALC, HVY COAL

LS: LT GY-GY, OCC DK
GY, MDST, MXLN-
CRSXLN, MASS, V ARG

LS: LT GY-GY, OCC DK
GY, MDST, MXLN-
CRSXLN, MASS, V ARG

LS: LT GY-GY, OCC DK
GY, MDST, MXLN-
CRSXLN, MASS, V ARG,

SH: LT GY-DK GY, OCC
BLK, FRM-HD, BLKY-
SBBLKY, BRIT IP, V CALC

SH: LT GY-DK GY, OCC
BLK, FRM-HD, BLKY-
SBBLKY, BRIT IP, V CALC

SH: LT GY-DK GY, OCC
BLK, FRM-HD, BLKY-
SBBLKY, BRIT IP, V CALC

490

520

550

580

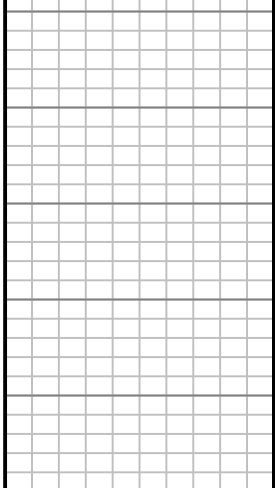
610

640

670

700





50

700

