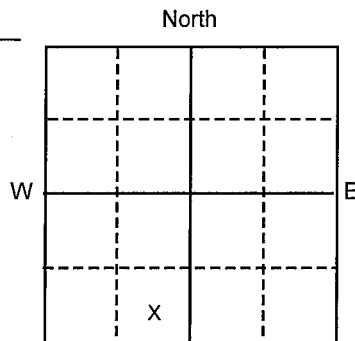


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE ¼ SW ¼ Sec 15 Twp 5N Rg 5ECounty MeadePlease mark well
location with an "X"

Well Completion Date

Total Depth Date 9-24-24

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
_____ ft. from none (identify source)

PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

FWD ROTARY

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
94.0 LB/FT	20.00 IN	0.0 FT	60.0 FT	24.00 IN
54.5 LB/FT	13.38 IN	0.0 FT	984.0 FT	17.50 IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Neat Cmt.	70	15.1 Lb/gal	0.0 Ft	60.0 Ft
Neat Cmt.	196	15.8 Lb/gal	984.0 Ft	663.0 Ft

Describe grouting procedure
Pressure pumped through Casing long string, Tremmie surface casing. 283 sx 11.8# 663 to 184', 2162 SX 12.5# 184' - SFC

SCREEN:

☐ Perforated pipe ☐ Manufactured

Diameter _____ Inches Length _____ Feet

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information 12 1/4" open hole completion 984'-1085'

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Liquid Sd Hypo.
☐ No, Why Not? _____
Lab to which water
quality sample sent for analysis

MidContinent

Well Owner: City of Sturgis, South Dakota

Business Name: _____

Address: 1040 Harley Davidson WayCity, State, Zip: Sturgis SD 57785

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Spearfish	0	368
Minnekahta	368	406
Opeche	406	560
Minnelusa	560	992
Madison	992	1085

STATIC WATER LEVEL 550.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☐ Pumped Describe: Developed w/ Air
☐ Bailed

☒ Other

Pumping Level Below Land Surface

578.0 Ft. After 24.0 Hrs. pumped 660.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 650.0 GPM

REMARKS

Pump Rated for 650 GPM @ 950'

RECEIVED

OCT 27 2025

OFFICE OF
WATERThis well was drilled under license # 814 and this
report is true and accurate.Drilling firm: KELLER DRILLING LLC

Signature of License Representative:

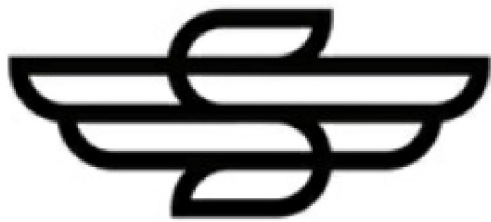
Albert P. Keller Jr.Digitally signed by Albert P. Keller Jr.
DN: cn=Albert P. Keller Jr., o=Keller Drilling LLC,
ou, email=Kellerdrilling15@hotmail.com, c=US
Date: 2022.06.09 14:01:34 -06'00'

Signature of Well Owner or Equitable Property Holder:

Date: _____

HYDROLOGIC LOG FOR

CITY OF



STURGIS

SOUTH DAKOTA

SERVICES PROVIDED BY



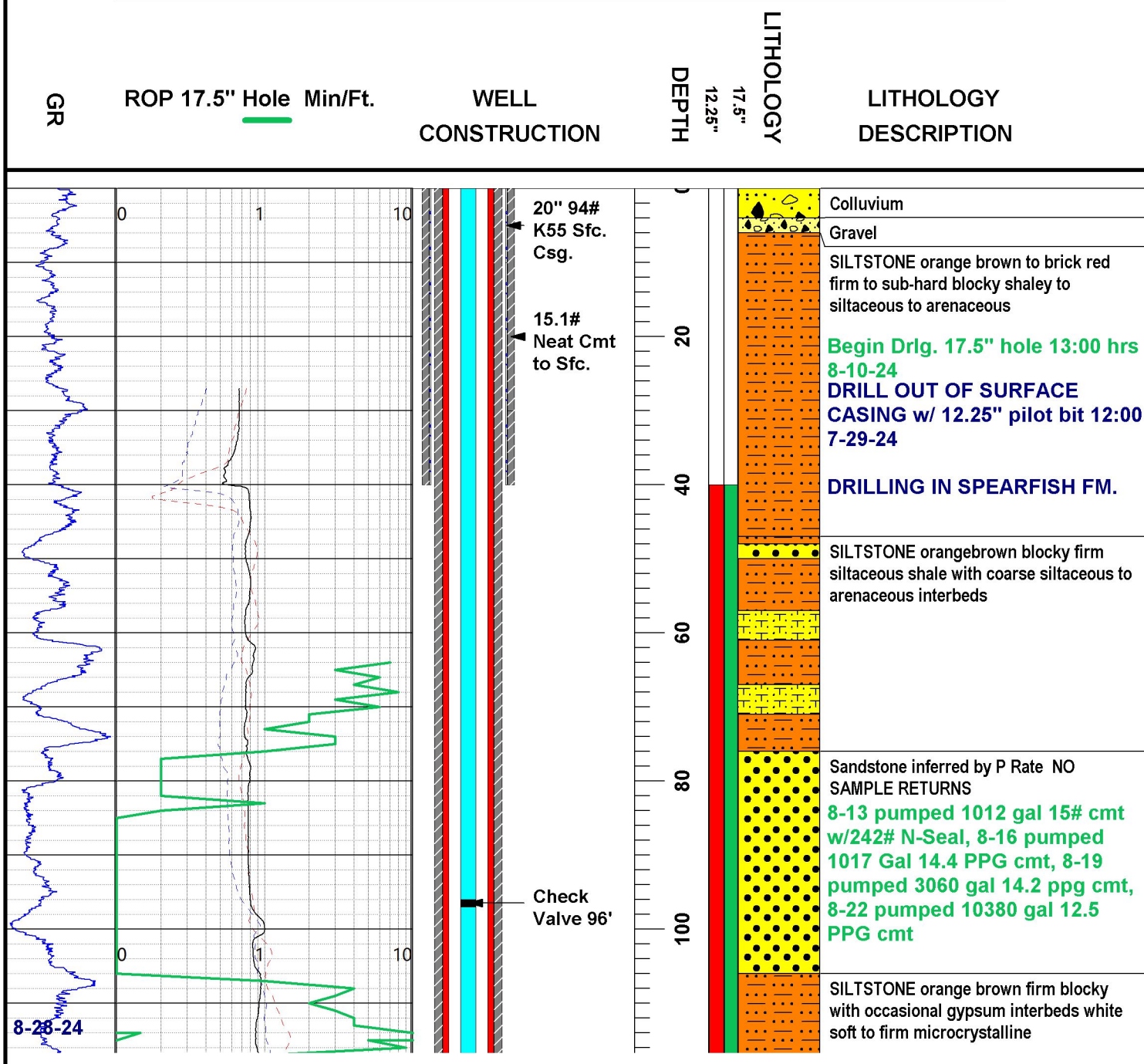
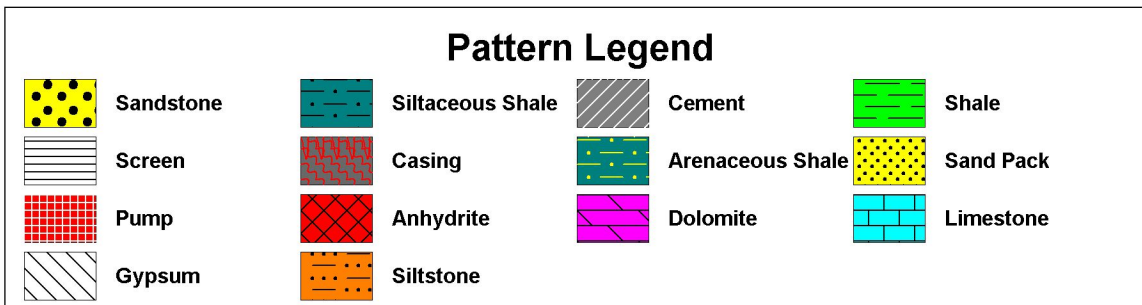
SOLUTIONS + SERVICE = SUCCESS

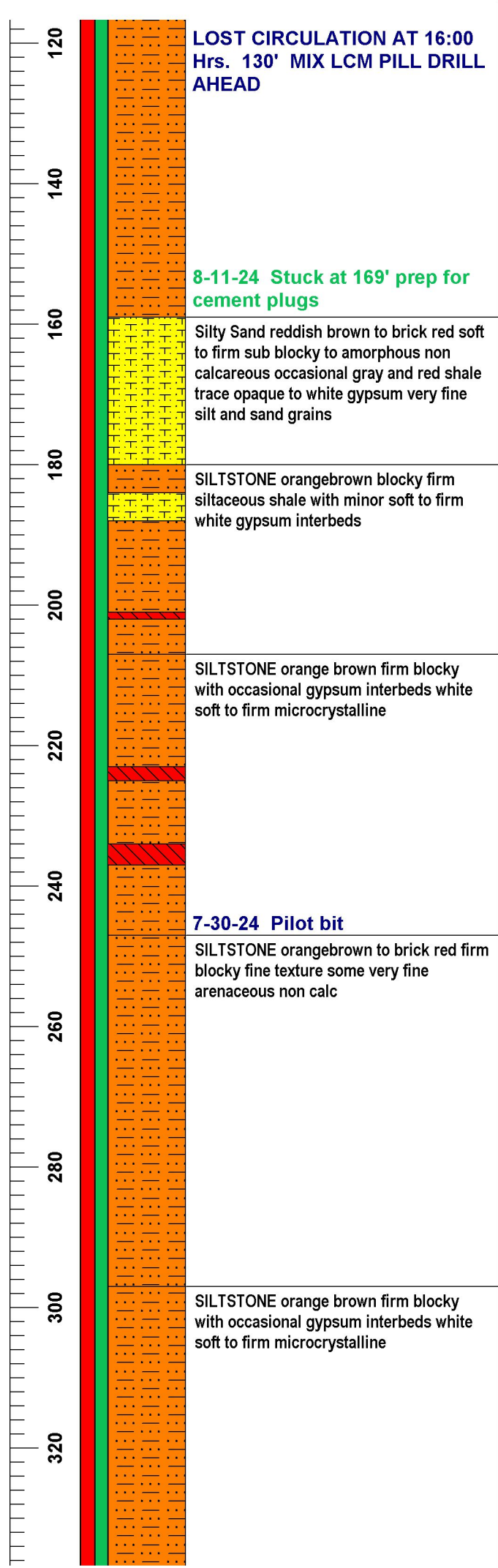
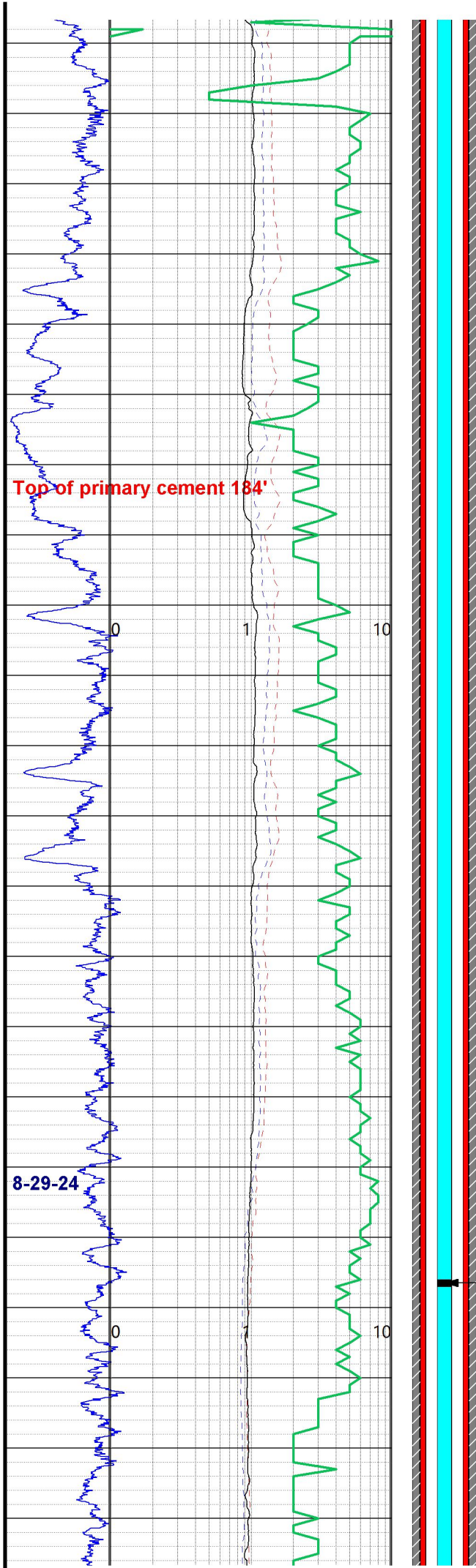


Foth

Foth Infrastructure & Environment, LLC

OPERATOR: CITY OF STURGIS, SOUTH DAKOTA
 WELL NAME: STURGIS WELL 8 Project ID 23S200.00
 STATE: SOUTH DAKOTA
 COUNTY: MEADE
 LOCATION: SE/SW SEC 15 T5N R5E
 ELEVATION: GL 3585' KB 3598' LOG DEPTHS DATUM = GL
 INTERVAL: SURFACE TO 1085' DATES: JULY 29, 2024 TO SEPT 24, 2024
 GEOLOGIST: PETER J. WALDON PG 3389





LOST CIRCULATION AT 16:00
Hrs. 130' MIX LCM PILL DRILL
AHEAD

8-11-24 Stuck at 169' prep for
cement plugs

Silty Sand reddish brown to brick red soft
to firm sub blocky to amorphous non
calcareous occasional gray and red shale
trace opaque to white gypsum very fine
silt and sand grains

SILTSTONE orangebrown blocky firm
siltaceous shale with minor soft to firm
white gypsum interbeds

SILTSTONE orange brown firm blocky
with occasional gypsum interbeds white
soft to firm microcrystalline

7-30-24 Pilot bit

SILTSTONE orangebrown to brick red firm
blocky fine texture some very fine
arenaceous non calc

SILTSTONE orange brown firm blocky
with occasional gypsum interbeds white
soft to firm microcrystalline

