

WELL RECORD

45968 Well #6 Permit No. 98-230-W

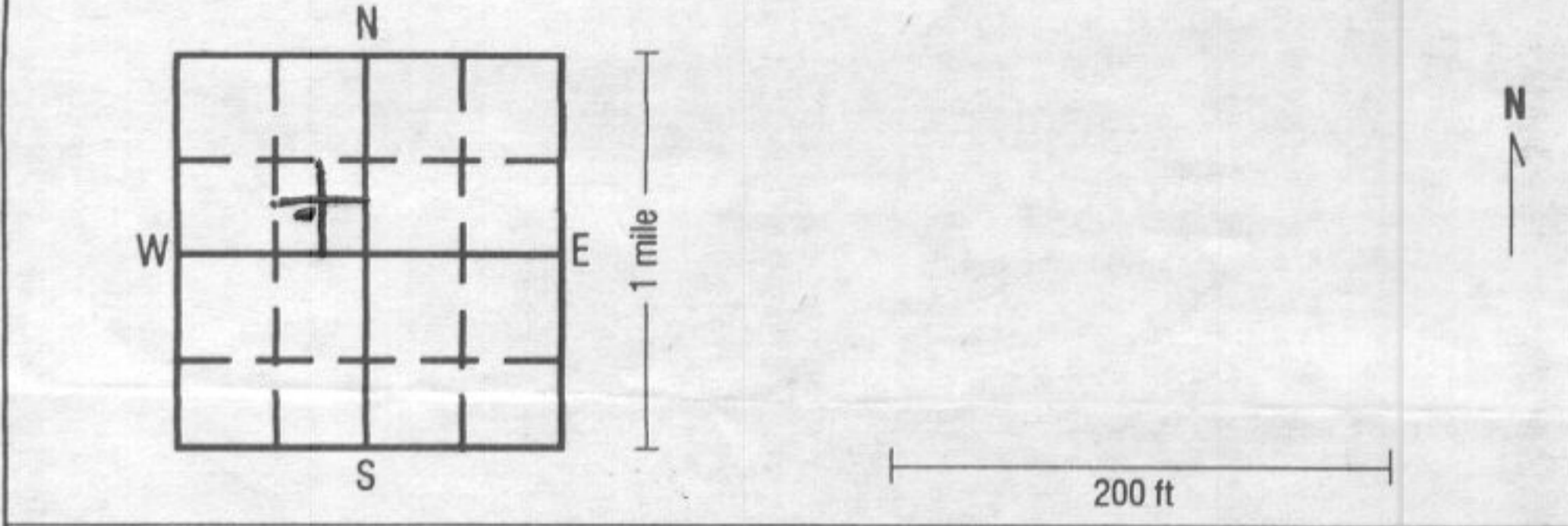
Site identification
 Property Owner City of George Well Number #6
 Address 120 1/2 S. Main P.O. Box 593 George
 Tenant Bill Koopman
 Well Depth 31'8" ft Date completed 6/22/98

Drill method rotary auger cable other Bucket
Hole size 20 inch from 0 ft to 31'8" ft
 hole size continued _____ inch from _____ ft to _____ ft

Location County Lyon
1/2 mi. ^N and 1/4 mi. ^E of intersection of LH and A46
SW 1/4 of the SE 1/4 of the NW 1/4 of Sec 3 TWP 98 RNG 44 ^E _W

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.
Casing Drive shoe (yes/no) _____ Pitless adapter (yes/no) _____

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
<u>12"</u>	<u>Steel</u>	<u>+6"</u>	<u>23'8"</u>	<u>24'</u>



Perforated or slotted casing? (yes/no) no
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

upland hillside valley Elevation (if known) _____

Casing grouted? (yes/no) yes Placement method _____

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>Cement</u>	<u>9'</u>	<u>14'</u>	<u>5'</u>

Formation log

From	To	Color	Hardness	Formation description
<u>0</u>	<u>2</u>	<u>Black</u>		<u>Topsoil</u>
<u>2</u>	<u>5</u>	<u>Brown</u>		<u>CLAY</u>
<u>5</u>	<u>18</u>			<u>GRAVEL</u>
<u>18'</u>				<u>Mud lens</u>
<u>18</u>	<u>31'8"</u>			<u>Mixed GRAVEL</u> <u>1" to 2" Round Rocks</u> <u>Light Brown</u>

Well screen? (yes/no) yes

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
<u>12"</u>	<u>0.080</u>	<u>23'8"</u>	<u>31'8"</u>	<u>8'</u>	<u>Stainless Steel</u>

Bottom capped (yes/no) no with Stainless Steel-welded
 Seals / Packers (yes/no) _____ kind _____ depth _____ ft
 Gravel packed (yes/no) yes from 14' ft to 31'8" ft
1/4 x #10 type _____ amount _____

Well developed? (yes/no) yes
 Explain Surged w/ block - pumped
pumped (airlifted, bailed) for _____ hrs at _____ GPM.

Pump installed? (yes/no) yes Date _____ / _____ / _____
 Installer's name _____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ Rated capacity _____ GPM

Water information Aquifer: sand / gravel limestone sandstone
 Main water-supply zone from _____ ft to _____ ft seepage well
 Static water level 11' ft (below / above) GL; tape airline E-line estimate
 Pumping water level 25'2" ft below GL; tape airline E-line estimate
 At yield of 240 GPM; orifice volumetric estimate
 Measurements taken at 11:50 (AM/PM) Date 6/30/98

Remarks (including depth of lost drilling fluids, materials, or tools)

Water quality test? (yes/no) yes Date tested 7/1/98
 Tested by City

Well use
 Domestic Municipal Commercial
 Livestock Public supply Monitoring
 Test well Irrigation Other _____ (explain)

Contractor Lacey Well Drilling
 Address RR1 Box 24 Dell Rapids, SD 57022
 Driller JAMES LACEY Certification no. 40078