

WELL I.D. # L _____
 255/30E-27 N(1)

(1) LAND OWNER Name H. K. Tavenner Well Number 3
 Address _____
 City _____ State _____ Zip _____

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other Rotary

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 78 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
32"					

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 30"	0	75'		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian Time 1 hr.

Temperature of water 51° F Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____
 Specific conductance = 230 μ S/cm
 pH = 7.7

(9) LOCATION OF WELL by legal description:
 County Harney Latitude _____ Longitude _____
 Township 25 N or S Range 30 E or W. WM.
 Section 27 SW 1/4 SW 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
37.93 ft. below land surface. Date 7/5/1978
 Artesian pressure _____ lb. per square inch Date (USGS)

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
This log was created to separate well 27N(1) from HARN 1092, which was filed to originally represent three wells - 28R(1), 27D(1), and 27N(1) on app G-305. This well was likely deepened in 2006 (HARN 51288) based on application file G-14939. Casing depth on this log was interpolated from log HARN 51288, which states the original well depth to be 75 ft. This well was also correlated to USGS site #432209119064401, which represents a 78' deep well in the same location and also appears in USGS open-File Report 80-419 (Townley et al., 1980). Borehole diameter and casing material/diameter were found in application file G-305.			

Date started _____ Completed May 1952

SOURCE OF DATA/INFO Application files G-305 and G-14939, USGS site #432209119064401, USGS open-File Report 80-419 (Townley et al., 1980), and HARN 1092

COMPILED BY: Halley Barnett
Groundwater Section

DATE: 11/20/2017