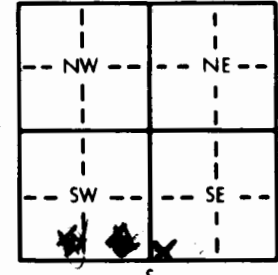


1 LOCATION OF WATER WELL: County: Grant Fraction: SW 1/4 SE 1/4 Section Number: 2 Township Number: T 28 S Range Number: R 36 E/W

Distance and direction from nearest town or city street address of well if located within city?
From Wlyness Co 4 North, 7 East, 1 South, 3/8 East, 1/8 North

2 WATER WELL OWNER: Terrell Nighten Gode RR#, St. Address, Box #: RR City, State, ZIP Code: Wlyness, KS 67880
 Board of Agriculture, Division of Water Resources Application Number: 416

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL: 640 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 305 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 305 ft. below land surface measured on mo/day/yr 4-24-84
 Pump test data: Well water was 335 ft. after 1 hours pumping 364 gpm
 Est. Yield 1500 gpm: Well water was 348 ft. after 2 hours pumping 1303 gpm
 Bore Hole Diameter: 24 in. to 640 ft., and in. to ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes.....No.....X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass Threaded.....
 Blank casing diameter 16 in. to 640 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 12 in., weight 42.05 lbs./ft. Wall thickness or gauge No. 250
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 345 ft. to 395 ft., From 470 ft. to 490 ft.
 From 415 ft. to 435 ft., From 560 ft. to 640 ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 640 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 10 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? How many feet? 300' East

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See Attached Log			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 4-28-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 4-27-84 under the business name of Heckle Drilling & Supply Co. by (signature) Charles Weyman
 INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

DRILLERS TEST LOG

CUSTOMERS NAME Jerrell Nightengale DATE 2-8-84
 STREET ADDRESS RFD TEST # 3 E. LOG yes
 CITY & STATE Ulysses, Kansas 67880 DRILLER Dave Soukup
 COUNTY Grant QUARTER SE SECTION 2 TOWNSHIP 28 RANGE 36
 LOCATION 214' east of old well

%	Footage		DESCRIPTION OF STRATA	WELL LOCATION	
	From	Pay To		Static Water Level	Proposed Well Depth
	0		2	Topsoil	
	2		13	Sandy Brown Clay	
	13		17	Sand fine	
	17		52	Brown sandy clay & caliche Sand streaks	
	52		131	Sand, fine to med. coarse, sm. to med. gravel, few large streaks of caliche & cemented sand	
	131		142	Sandy brown clay	
	142		179	Sand fine to med. coarse sm. to med. gravel	
	179		187	Brown sandy clay	
	187		193	Sand fine to med. coarse	
	193		206	Brown sandy clay, few limerock streaks	
	206		272	Sand fine to med. coarse sm. to med. lg. gravel few clay streaks	
	272		285	Brown sandy clay, limerock streaks	
	285		292	Sand fine to med.	
	292		300	Brown & blue clay sandy	
55%	300	15	315	Sand fine to med. coarse	
	315		320	Brown sandy clay	
50%	320	7	327	sand fine to med.	
	327		333	Brown clay	
60%	333	32	365	Sand fine to med. coarse few clay streaks	
	365		375	Brown sandy clay many sand streaks fine	
75%	375	60	435	Sand fine to med, coarse lg, gravel & white rock drills very rough and uses water	
	435		470	Brown & yellow clay brown rock few sand streaks soapstone	
25%	470	15	485	Sandstone few clay streaks	
	485		533	Shale sticky	
20%	533	9	542	Dakota streaked	
	542		560	Shale and soapstone	
20%	560	6	566	Dakota streaked	
	566		574	Shale and soapstone	
20%	574	9	583	dakota sandstone	
	583		592	Shale Soapstone & few dakota streaks	
	592		598	Shale weathered Very Hard	
	598		615	Shale and soapstone and dakota streaks	
30%	615	15	630	Dakota	
	630		640	Shale and dakota streaks	
	640		685	Shale	
		168			Total Depth Of Well 640'
					Set up west
					Pit on the north