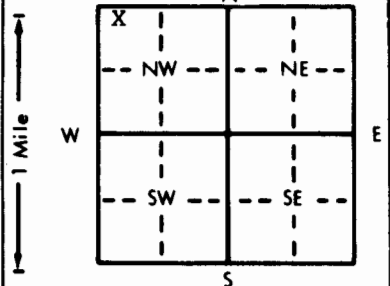


1 LOCATION OF WATER WELL: County: Grant Fraction: NW 1/4 NW 1/4 NW 1/4 Section Number: 34 Township Number: T 28 S Range Number: R 35 EW

Distance and direction from nearest town or city street address of well if located within city?
Approx. 5 miles east & 1 mile north of Hickok, KS

2 WATER WELL OWNER: Russell Koehn 9373
 RR#, St. Address, Box #: RR 1, Box U Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Ulysses, KS 67880 Application Number: 31,320

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



4 DEPTH OF COMPLETED WELL: 553 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 311 ft. below land surface measured on mo/day/yr 5/4/89
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 1900 gpm: Well water was 361 ft. after 4 hours pumping 1960 gpm
 Bore Hole Diameter 24 in. to 553 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 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was sub-
 mitted _____ 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 _____
 7 Fiberglass _____ Threaded _____

Blank casing diameter 16 in. to 553 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. 250W

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 9 ABS 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 493 ft. to 553 ft., From 360 ft. to 410 ft.
 From 440 ft. to 450 ft., From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 20 ft. to 553 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 20 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? west How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>See attached log</u>			

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) 5/2/89 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) 6/15/89 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce Richmuth

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, Bureau of Water Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.

DRILLERS TEST LOG

CUSTOMER'S NAME: Russell Koehn **DATE:** 4/22/89
STREET ADDRESS: RR# 1, Box U **TEST #** 1 **E. LOG** Yes
CITY & STATE: Ulysses, Ks. 67880 **DRILLER** Wildeman
COUNTY Grant **QUARTER** NW **SECTION** 34 **TOWNSHIP** 28 **RANGE** 35
LOCATION 100' East of the old well.

Well Location

Z	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: _____
	From	Pay	TO		Proposed Well Depth:
	0		3	Top soil.	
	3		40	Brown clay & Caliche.	
	40		73	Sand fine to medium coarse. Small to large gravel w/few clay streaks & cemented ledges.	
	73		81	Brown clay.	
	81		139	Sand fine to medium coarse. Small to medium gravel & few clay streaks & cemented sand.	
	139		142	Brown clay.	
	142		155	Sand fine to medium coarse. Small gravel.	
	155		194	Yellow clay (little sticky) & few fine sand streaks & very few limerock ledges.	
	194		215	Blue clay. (Sticky)	
	215		227	Brown clay.	
	227		265	Brown sandy clay & fine sand.	
	265		320	Sand fine to medium coarse. Small & medium gravel. (Drills rough) & few clay streaks.	
60	320	20	340	Sand fine to medium coarse & small gravel (Drills rough).	
75	340	70	410	Sand fine to medium coarse. Small to large gravel. Brown rock. (Drills Rough).	
	410		440	Brown sandy clay, limerock & sand streaks.	
45	440	6	446	Sand fine & small.	
	446		460	Brown sandy clay, limerock & few sand streaks.	
15	460	15	475	Sand fine & brown, sandy clay.	
	475		485	Brown clay. (Sticky)	
	485		497	Brown sandy clay & fine sand streaks.	
30	497	13	510	Sandstone & brown rock & few clay streaks. (Mixed 1 sack of Bran).	
30	510	40	550	Sandstone & soapstone streaks. (used lots of water).	
	550		552	Volcanic Ash.	
	552		558	Brown clay & soapstone.	
	558		600	Weathered shale & limerock ledges.	
				T. D. = 553'	
				Move Big Hole North 4' - Sluffing blue clay.	
				Set up East	
				Pit on the South	
				3 Bags of Quick-Gel	1 sack Hole plug
				1 Bag of Bran	
				1 set of 4 3/4" Blades	
				1 Perma plug	

GARDEN CITY, KS 67846
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.
 IRRIGATION HEADQUARTERS

316-277-2389

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS