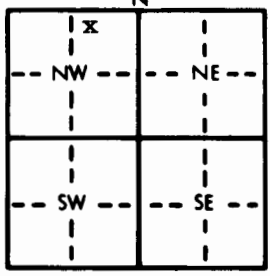


1 LOCATION OF WATER WELL: County: Grant Fraction: NW 1/4 NE 1/4 NW 1/4 Section Number: 3 Township Number: T 28 S Range Number: R 35 E

Distance and direction from nearest town or city street address of well if located within city? Approx. 12 miles east and 4 miles north of Ulysses, KS

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

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 530' ft. ELEVATION: 308'

Depth(s) Groundwater Encountered 1. \_\_\_\_\_ ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
WELL'S STATIC WATER LEVEL 241' ft. below land surface measured on mo/day/yr \_\_\_\_\_  
Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
Est. Yield 25 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
Bore Hole Diameter 9 7/8" in. to 530' 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 X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped \_\_\_\_\_  
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
2 PVC 4 ABS 7 Fiberglass \_\_\_\_\_ Threaded \_\_\_\_\_

Blank casing diameter .5" in. to 530' ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
Casing height above land surface 12" in., weight 2.9 lbs./ft. Wall thickness or gauge No. 265" w

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement  
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) \_\_\_\_\_  
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) \_\_\_\_\_

SCREEN-PERFORATED INTERVALS: From 290-300' ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
From 480-530' ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
GRAVEL PACK INTERVALS: From 0 - 530' ft. to \_\_\_\_\_ 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 0-10' ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well  
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well  
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)  
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage \_\_\_\_\_  
Direction from well? South How many feet? 200 ft.

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) 10-7-86 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) 11-10-86  
under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce R. 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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

**DRILLERS TEST LOG**

CUSTOMERS NAME Thomas Koehn DATE 10-7-86  
 STREET ADDRESS RFD 1 TEST # 2 E. LOG Yes  
 CITY & STATE Ulysses, KS 67880 DRILLER Bill Loss  
 COUNTY Grant QUARTER NW SECTION 3 TOWNSHIP 28 RANGE 35

LOCATION NE of Trailer House - 75' NE of Hole #1, Telephone Cable 5' North of ho

WELL LOCATION

%	FOOTAGE			DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay	To		Proposed Well Depth _____
	0		2	Top Soil	
	2		18	Brown sandy clay	
	18		46	Tan sandy clay and caliche	
	46		52	Sand, fine to medium	
	52		69	Tan sandy clay	
	69		79	Tan sandy clay and few fine to medium sand streaks	
	79		117	Sand, fine to medium, and coarse and small to large gravel (drills rough in places, took alot of water)	
	117		130	Tan sandy clay	
	130		140	Tan clay (sticky)	
	140		156	Sand, fine to medium, and coarse and small gravel	
	156		163	Tan clay	
	163		170	Sand, fine to medium, and several tan clay streaks	
	170		185	Tan clay and limerock streaks	
	185		194	Blue clay (sticky)	
	194		208	Gray Clay (sticky)	
	208		226	Tan sandy clay	
	226		252	Tan sandy clay and fine to medium sand streaks	
	252		267	Sand, fine to medium, and coarse and few sandy clay stks.	
	267		291	Brown sandy clay and few fine sand streaks	
50	291	11	302	Sand, fine to medium, coarse and few small gravel	
	302		342	Brown clay-sticky	
	342		363	Brown clay (sticky) and fine sand streaks	
	363		382	Brown and gray clay (sticky)	
	382		393	Gray clay (sticky)	
	393		407	Brown clay (sticky)	
	407		430	Brown clay, few fine sand and limerock streaks	
	430		434	Fine sand and limerock	
	434		440	Brown clay and blue clay streaks	
	440		456	Blue clay and few limerock streaks	
	456		466	Soapstone	
	466		480	Brown sandy clay, fine sand, and few limerock streaks	
35	480	12	492	Sand, fine to small and limerock	
20	492	6	498	Brown rock, soapstone, and soapstone	
30	498	26	524	Yello sandstone and few soapstone streaks	
	524		550	Soapstone (white, yellow and red)	
	550		554	Limerock	
	554		560	Shale	
TOTAL DEPTH: 530'					

GARDEN CITY, KS  
 Phone 276-3278

HENKLE DRILLING & SUPPLY CO., INC.  
 IRRIGATION HEADQUARTERS

SUBLETTE, KS  
 Phone 675-4311

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