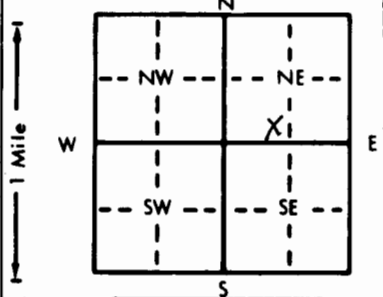


1 LOCATION OF WATER WELL: County: Grant Fraction: SE 1/4 SW 1/4 NE 1/4 Section Number: 13 Township Number: T 29 S Range Number: R 35 E/W

Distance and direction from nearest town or city street address of well if located within city?  
Approx. 6 miles north and 5 1/2 west of Satanta, KS

2 WATER WELL OWNER: Elwin E. Anthony Estate c/o Garry Anthony  
 RR#, St. Address, Box # : \_\_\_\_\_ Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Satanta, KS 67870 Application Number: 3568

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



4 DEPTH OF COMPLETED WELL: 660' ft. ELEVATION: \_\_\_\_\_

Depth(s) Groundwater Encountered 1. \_\_\_\_\_ ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL 339' ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was 366' ft. after 4 hours pumping 1100 gpm  
 Est. Yield 1500 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 30 in. to 500 ft., and 28 in. to 660 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  
 7 Fiberglass \_\_\_\_\_ Threaded \_\_\_\_\_

Blank casing diameter 16" in. to 660 ft., Dia. 20" in. to 361-535' ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 12" in., weight 16 - 42.05 lbs./ft. Wall thickness or gauge No. 250"

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 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 20" 6 Wire wrapped 9 Drilled holes  
 7 Torch cut 10 Other (specify) \_\_\_\_\_ 16"

SCREEN-PERFORATED INTERVALS: From 362-402' ft. to 447-467' ft., From 535-545 ft. to 550-570' ft.  
 From 403-423' ft. to 494-534' ft., From \_\_\_\_\_ ft. to 580-560' ft.  
 GRAVEL PACK INTERVALS: From 10' ft. to 660' 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? NONE OBSERVED

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		<b>SEE ATTACHED LOG</b>			

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) 4-14-87 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) 4-17-87 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Richman

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 Gary Anthony DATE 11-24-86  
 STREET ADDRESS \_\_\_\_\_ TEST # 1 E. LOG Yes  
 CITY & STATE Satanta, KS 67870 DRILLER Livingston  
 COUNTY Grant QUARTER NE SECTION 13 TOWNSHIP 29 RANGE 35

LOCATION \_\_\_\_\_

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____ Proposed Well Depth _____	
	From	Pay To			
	0		10	Sand, fine	
	10		46	Brown sandy clay, caliche	
	46		70	Brown clay	
	70		100	Sand, fine to medium, small to large gravel	
	100		118	Brown sandy clay, limerock	
	118		185	Sand, fine to medium, small to large gravel	
	185		194	Brown sandy clay, and limerock	
	194		201	Sand, fine to medium, coarse, small gravel	
	201		215	Gray and yellow clay	
	215		237	Blue clay	
	237		270	Sand, fine to medum, coarse, small gravel and few clay stks.	
70	270	100	423	Sand, fine to medium, coarse, small to medium gravel drills rough in places	
	423		446	Brown sandy clay, limerock ledges	
15	446	14	460	Limerock, chalk, sandy clay and fine sand stks.	
20	460	17	467	Sand, fine, small and sandy clay	
	467		495	Brown sandy clay and fine sand	
65	495	35	530	Sand, fine to medium, coarse, small brown gravel and brown rock, firm and rough in places	
75	530	10	540	Sand, fine to medium, coarse, small to medium brown gravel and brown rock	
15	540	10	550	Soapstone and sandstone	
35	550	20	570	Sandstone - Mixed Bran & Mud	
	570		580	Yellow soapstone	
25	580	55	635	Sandstone and soapstone	
	635		640	Soapstone	
20	640	15	655	Sandstone and soapstone	
	655		658	Limestone - green	
	658		662	Red Bed	
				TOTAL DEPTH 660'	
				Move Big Hole to Fit Big Hole Pit	
				6 - Sacks of Mud	Set up West
				1½ - Bran	Pit on North
				1 - Set of Bits	

GARDEN CITY, KS      HENKLE DRILLING & SUPPLY CO., INC.      SUBLETTE, KS  
 Phone 276-3278      IRRIGATION HEADQUARTERS      Phone 675-4311  
 TEST HOLES \* \* \* \* \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* \* STOCK WELLS