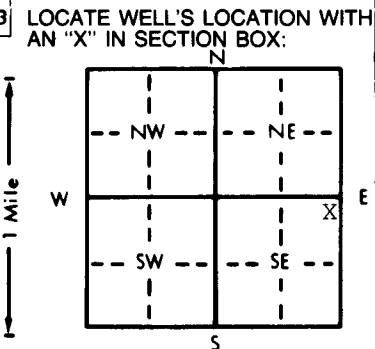


1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 SE 1/4 Section Number 14 Township Number T 29 S Range Number R 35 EW

Distance and direction from nearest town or city street address of well if located within city?
 Approximately 2 1/4 miles North of Ryus, Kansas.

2 WATER WELL OWNER: David Clawson
 RR#, St. Address, Box #: RFD #1 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Satanta, Ks. 67870 Application Number:



4 DEPTH OF COMPLETED WELL: 592' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 331' ft. below land surface measured on mo/day/yr 5/17/88
 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 592' 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; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

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: 5 in. to 592 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface: 12 in., weight 2.90 lbs./ft. Wall thickness or gauge No. 265
 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)
 9 ABS 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 572 ft. to 592 ft., From 487 ft. to 507 ft.
 From 532 ft. to 552 ft., From 367 ft. to 407 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 592 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 None observed

Direction from well? How many feet?

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) 5/6/88 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) 5/23/88 under the business name of Henkle Drilling & Supply Company, Inc. by (signature) Bruce R. Ruchman

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: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
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SEC.
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1/4

DRILLERS TEST LOG

CUSTOMER'S NAME: David Clawson DATE: 5/6/88
 STREET ADDRESS: _____ TEST # _____ E. LOG Yes
 CITY & STATE: Satanta, Ks. 67870 DRILLER Livingston
 COUNTY Grant QUARTER SE SECTION 14 TOWNSHIP 29 RANGE 35
 LOCATION 30' West of the old well (Northeast corner of the Southeast ¼).

Z	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: _____
	From	Pay	TO		Proposed Well Depth:
	0		2	Top Soil.	
	2		67	Brown sandy clay, caliche & fine sand streaks.	
	67		86	Sand fine to medium. Small to large gravel.	
	86		107	Brown sandy clay, Limerock & fine sand streaks.	
	107		170	Sand fine to medium. Small gravel, few clay & cemented streaks.	
	170		206	Brown clay & few sand streaks.	
	206		217	Sand fine to medium & sandy clay.	
	217		245	Brown sandy clay.	
	245		297	Gray clay, sticky.	
65	297	46	366	Sand fine to medium coarse. Small to medium gravel. Drill rough.	
55	366	11	377	Sand fine to medium coarse. Small gravel & few Limerock and clay streaks.	
	377		388	Brown sandy clay, Limerock & sand streaks. Rough.	
60	388	25	413	Sand fine to medium coarse. Small to medium gravel. Cemented. Rough.	
	413		457	Brown sandy clay, Limerock.	
30	457	10	467	Sand fine to small.	
	467		489	Brown clay & Limerock.	
70	489	7	496	Sand fine to medium coarse. Small, Brown gravel & Brown rock.	
	496		514	Limestone. Very Hard.	
	514		524	Brown clay.	
75	524	32	556	Sand fine to medium coarse. Small brown gravel, loose.	
	556		570	Brown soapstone, Limerock streaks & shale.	
20	570	22	592	Brown sandstone & soapstone.	
	592		654	Gray shale & soapstone & Dakota streaks.	
	654		654	Limestone. Couldn't cut.	
				Total Depth = 592'	
				Depth Perf Plain 5" PVC	
				592-572 20'	
				572-552 20'	
				552-532 20'	
				532-507 25'	
				507-487 20'	
				487-407 80'	
				407-367 40'	
				367- 0 367'	
				2 - Sets Bits - Test Hole	
				3 - 9 7/8" Rock Bits	
				5 - Bags Hi-Tech	
				5 - Bags Quick Gel	
				10 - Bags Hole plug	
				2 - 5" Caps	

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