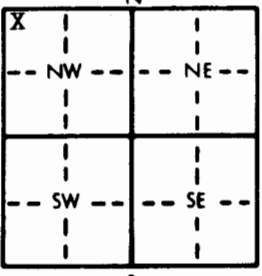


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NW 1/4 Section Number 20 Township Number T 31 S Range Number R 30 E/W

Distance and direction from nearest town or city street address of well if located within city?
 Approx. 14 miles south and 1 mile east of Copeland, KS

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

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

 4 DEPTH OF COMPLETED WELL... 410' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL ... 198' ft. below land surface measured on mo/day/yr 9-27-86
 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 ... 10 5/8" to ... 410' 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 Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded.....
 Blank casing diameter ... 6" in. to ... 410' ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface ... 12" in., weight ... 4.0 lbs./ft. Wall thickness or gauge No. ... 316" 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 250-270' ft. to 390-410' ft., From ft. to ft.
 From 330-370' ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 10-410' 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:
 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? Northwest 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) ... 9-22-86 ... 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) ... 10-1-86 ... under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce Reckmitt

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.

OFFICE USE ONLY
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DRILLERS TEST LOG

CUSTOMERS NAME Kirby Clawson DATE 9-22-86
 STREET ADDRESS Satanta, KS 67870 TEST # 1 E. LOG Yes
 CITY & STATE _____ DRILLER Bill Loss
 COUNTY Meade QUARTER NW $\frac{1}{4}$ SECTION 20 TOWNSHIP 31 RANGE 30

LOCATION _____

%	FOOTAGE			DESCRIPTION OF STRATA	Well Location	
	From	Pay	To		Static Water Level _____	Proposed Well Depth _____
	0		3	Top Soil		
	3		21	Tan sandy clay		
	21		42	Tan sandy clay and caliche		
	42		59	Brown sandy clay, few caliche and fine sand streaks		
	59		64	Sand, fine to medium and coarse, small gravel		
	64		71	Brown sandy clay		
	71		78	Sand, fine to medium and coarse		
	78		81	Brown sandy clay		
	81		97	Sand, fine to medium and few coarse		
	97		102	Brown sandy clay		
	102		137	Sand, fine to medium and coarse and few clay streaks		
	137		156	Brown sand, clay and few fine to medium sand streaks		
	156		175	Sand, fine to medium, and coarse and small gravel, few clay streaks		
	175		189	Brown sandy clay (loose)		
	189		196	Sand, fine to medium and coarse		
	196		202	Brown sandy clay		
50	202	67	269	Sand, fine to medium and coarse, and few small gravel and few clay streaks (loose)		
	269		281	Brown sandy clay		
	281		304	Brown and blue clay		
50	304	15	319	Sand, fine to medium and coarse and few small gravel and few clay streaks		
40	319	23	342	Sand, fine to medium and coarse and several clay streaks		
60	342	19	361	Sand, fine to medium and coarse and small gravel and few limerock streaks		
	361		395	Brown and tan sandy clay, limerock and fine sand streaks		
70	395	17	412	Limerock, fine sand, and brown sandy clay		
	412		432	Brown sandy and few fine sand and limerock streaks		
	432		454	Fine, sand and brown sandy clay and few limerock streaks		
	454		474	Limerock and fine sand streak and few brown clay streaks		
	474		477	Yellow soapstone		
	477		480	Red Bed		
TOTAL DEPTH: 419 ft.						

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