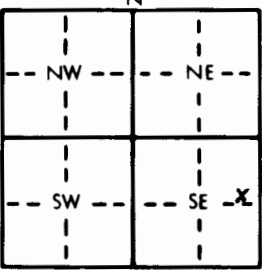


1 LOCATION OF WATER WELL: County: Haskell Fraction: SE 1/4 NE 1/4 SE 1/4 Section Number: 34 Township Number: T 27 S Range Number: R 31 EW

Distance and direction from nearest town or city street address of well if located within city?
 From Copeland approx. 7 1/2 miles north and 3 1/2 west

2 WATER WELL OWNER: Lawrence Withers
 RR#, St. Address, Box #: RR 1, Box 68 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Copeland, KS 67837 Application Number:

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



4 DEPTH OF COMPLETED WELL: 420 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered: 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: Approx. 180 ft. below land surface measured on mo/day/yr 12-17-84
 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 420 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:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass _____ Threaded _____
 Blank casing diameter: 5 in. to 420 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. 265W
 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 250 ft. to 270 ft., From 340 ft. to 360 ft.
 From 300 ft. to 320 ft., From 400 ft. to 420 ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 420 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? south How many feet? 150'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See Attached logs			

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) December 19, 1984 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) December 21, 1984 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
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DRILLERS TEST LOG

CUSTOMERS NAME Lawrence Withers DATE December 12, 1984
 STREET ADDRESS RR 1, Box 68 TEST # 1 E. LOG yes
 CITY & STATE Copeland, KS DRILLER Livingston
 COUNTY Haskell QUARTER SE SECTION 34 TOWNSHIP 27 RANGE 31

LOCATION _____ House Well _____

%	Footage			DESCRIPTION OF STRATA	Static Water Level	
	From	Pay	To		Proposed Well Depth	
	0		2	Top soil		
	2		120	Brown sandy clay and caliche and few fine sand streaks		
	120		170	Sand fine to medium, small to large gravel and cemented in places		
70	170	36	236	Sand fine to medium, coarse, small to medium gravel cemented at 230'		
	236		250	Brown sandy clay limerock ledges and few sand streaks		
65	250	23	273	Sand fine to medium, coarse, small to medium gravel		
	273		283	Brown clay		
65	283	47	330	Sand fine to medium, coarse, small to medium, gravel very few clay streaks		
	330		332	Brown clay		
55	332	07	339	Sand fine to medium, coarse, small gravel		
	339		350	Brown sandy clay limerock ledges		
65	350	10	360	Sand fine to medium, coarse, small to medium gravel		
	360		382	Brown sandy clay limerock		
	382		385	Sand fine to medium, coarse		
	385		392	Brown sandy clay		
50	392	18	410	Sand fine to medium, coarse, small gravel and few clay streaks		
60	410	08	418	Sand fine to medium, coarse, small gravel		
	418		460	Brown sandy clay limerock		
				Total Depth 420'		
				5" PVC		
				Perf.	Plain	
			420-400	20'		
			400-360		40'	
			360-340	20'		
			340-320		20'	
			320-300	20'		
			300-270		30'	
			270-250	20'		
			250-0		250'	
			Total	80'	340'	

GARDEN CITY, KS
Phone 277-2389

HENKLE DRILLING & SUPPLY CO., INC
IRRIGATION HEADQUARTERS

SUBLETTE, KS
Phone 675-8221