

1 LOCATION OF WATER WELL
 County: Seward Fraction: SW 1/4 NW 1/4 SW 1/4 Section Number: 1 Township Number: T 31 S Range Number: R 31 E

Distance and direction from nearest town or city? Approx. 1 1/2 miles South and 1 mile west of Cope land
 Street address of well if located within city?

2 WATER WELL OWNER: Kirby Clawson
 RR#, St. Address, Box # :
 City, State, ZIP Code : Satanta, ks. 67870
 Board of Agriculture, Division of Water Resources
 Application Number: 33,401

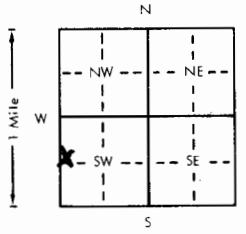
3 DEPTH OF COMPLETED WELL: 530 ft. Bore Hole Diameter: 16 in. to ... ft., and ... in. to ... ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Observation well
 Well's static water level: 200 ft. below land surface measured on Feb. month 25 day 1980 year
 Pump Test Data: Well water was 240 ft. after 4 hours pumping. 1457 gpm
 Est. Yield +1500 gpm: Well water was ... ft. after ... hours pumping ... gpm

4 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 X
 7 Fiberglass Threaded.
 Blank casing dia: 16 in. to 530 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Casing height above land surface: 12 in., weight 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 7 Torch cut 9 Drilled holes 10 Other (specify) ...
 Screen-Perforation Dia: 16 in. to 530 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Screen-Perforated Intervals: From 235 ft. to 245 ft., From 295 ft. to 325 ft.,
 From 380 ft. to 420 ft., From 470 ft. to 530 ft.,
 Gravel Pack Intervals: From 10 ft. to 530 ft., From ... ft. to ... ft., From ... ft. to ... ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ...
 Grouted Intervals: From 0 ft. to 10 ft., From ... ft. to ... ft., From ... ft. to ... ft.
 What is the nearest source of possible contamination: None Observed
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 13 Watertight sewer lines
 Direction from well ... How many feet ... ? Water Well Disinfected? Yes ... No X
 Was a chemical/bacteriological sample submitted to Department? Yes ... No X If yes, date sample was submitted ... month ... day ... year: Pump Installed? Yes ... No X
 If Yes: Pump Manufacturer's name ... Model No. ... HP ... Volts ...
 Depth of Pump Intake ... ft. Pumps Capacity rated at ... gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on Feb month 22 day 1980 year, 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 March month 3 day 1980 year under the business name of Henkle Drilling and Supply Co., Inc by (signature) Bruce J. Reichmuth

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

 FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG
See attached log

ELEVATION:
 Depth(s) Groundwater Encountered 1. ... ft. 2. ... ft. 3. ... ft. 4. ... ft. (Use a second sheet if needed)

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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

DRILLERS TEST LOG

CUSTOMERS NAME Kirby Clawson **DATE** 11-7-79
STREET ADDRESS _____ **TEST #** 2 **E. LOG** yes
CITY & STATE Satanta, Ks. 67870 **DRILLER** Livingston
COUNTY Seward **QUARTER** SW **SECTION** 1 **TOWNSHIP** 31 **RANGE** 31

LOCATION 1250' South of Test #1

#	DRILLED FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	WELL LOCATION	
					STATIC WATER LEVEL	PROPOSED WELL DEPTH 530'
	0		2	Top Soil		
	2		51	Brown clay, caliche & sand sts.		
	51		57	Caliche		
	57		68	Brown sandy clay & caliche		
	68		97	Brown Clay & Caliche & few Sand sts.		
	97		108	Sand fine to med. coarse & few clay sts.		
	108		118	Brown clay & sand sts.		
45	118	06	186	Sand fine to med. coarse, small gravel uses water. few clay sts. loose few cemented ledges.		
	186		194	Brown sandy clay		
55	194	14	208	Sand fine to med. coarse, small to med. gravel, loose, takes water.		
	208		213	Brown clay		
60	213	33	246	Sand fine to med. coarse few clay sts.		
	246		274	Brown clay with sand sts. & limerock ledges.		
	274		280	Blue Clay		
	280		291	Brown clay		
30	291	15	306	Sand fine & small few clay sts.		
55	306	17	323	Sand fine to med. coarse, loose, uses water.		
	323		343	Brown & blue sandy clay & sand sts.		
	343		375	Blue sand fine to med. coarse small gravel & few blue clay sts.		
45	375	45	420	Sand fine to med. coarse, small gravel & brown sandy clay sts.		
	420		440	Brown sandy clay, limerock & few fine sand sts.		
	440		471	Brown clay & few fine sand sts.		
35	471	09	480	Sand fine & small, limerock, & brown clay.		
30	480	14	494	Brown sandy clay, limerock & brown rock & fine sand, drills loose in places.		
fair	494	06	500	Soapstone & sand stone		
800d	500	26	526	Sandstone lost circulation, 1 bag. bran 1 lime. kept circulation.		
	526		528	Soapstone		
	528		533	Red Bed		
		185'		Total Depth of Well 530'		
				Set up NORTH		
				Dig pit on EAST		

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS
 Phone 276-3278

SUBLETTE, KANSAS
 Phone 675-4311

TEST HOLES DOMESTIC WELLS STOCK WELLS IRRIGATION & INDUSTRIAL WELLS