

1 LOCATION OF WATER WELL County: <u>Kearny</u>	Fraction <u>NE 1/4 NE 1/4 SW 1/4</u>	Section Number <u>4</u>	Township Number T <u>23</u> S	Range Number R <u>37</u> <u>EW</u>
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Distance and direction from nearest town or city? Approx. 9 1/2 miles north and 6 1/2 miles west of Lakin Street address of well if located within city?

2 WATER WELL OWNER: George T. Modie  
 RR#, St. Address, Box # :  
 City, State, ZIP Code: Lakin, ks. 67860  
 Board of Agriculture, Division of Water Resources  
 Application Number:

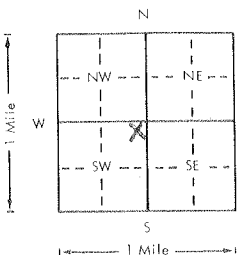
3 DEPTH OF COMPLETED WELL: 527 ft. Bore Hole Diameter: 9 1/8 in. to 527 ft. and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Well Water to be used as:  
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 7 Lawn and garden only 10 Observation well  
 Well's static water level: 191 ft. below land surface measured on May month 29 day 1980 year  
 Pump Test Data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield 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 \_\_\_\_\_  
 7 Fiberglass Threaded \_\_\_\_\_  
 Blank casing dia: 5 in. to 527 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. 265

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 6 Wire wrapped 9 Drilled holes  
 7 Torch cut 10 Other (specify) \_\_\_\_\_  
 Screen-Perforation Dia: 5 in. to 527 ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Screen-Perforated Intervals: From 197-207 ft. to 357-377 ft. From 387-407 ft. to 427-447 ft.  
 From 487-527 ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Gravel Pack Intervals: From 10 ft. to 527 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ 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:  
 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: west How many feet: 100? Water Well Disinfected? Yes  No \_\_\_\_\_  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No  If yes, date sample was submitted \_\_\_\_\_ month \_\_\_\_\_ day \_\_\_\_\_ year: Pump Installed? Yes  No \_\_\_\_\_  
 If Yes: Pump Manufacturer's name: Red Jacket Model No. 18 bc HP 1 1/2 Volts 220  
 Depth of Pump Intake: 426 ft. Pumps Capacity rated at 10 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 May month 13 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 June month 4 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
			<u>See attached log</u>			

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 GEORGE MODIE DATE 5-6-80  
 STREET ADDRESS \_\_\_\_\_ TEST # 2 E. LOG YES  
 CITY & STATE LAKIN, KS. DRILLER LIVINGSTON  
 COUNTY KEARNY QUARTER SW SECTION 4 TOWNSHIP 23 RANGE 27

LOCATION \_\_\_\_\_

WELL LOCATION \_\_\_\_\_

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay To		Proposed Well Depth _____
	0		2	TOP SOIL
	2		24	CLAY & FINE SAND STKS.
	24		47	SAND FINE TO MED. SMALL GRAVEL CEMENTED
	47		64	BROWN CLAY
	64		84	SAND FINE TO MED. COARSE
	84		103	BROWN CLAY & SAND STKS.
	103		130	SAND FINE TO MED. CEMENTED LEDGES
	130		146	BROWN CLAY
	146		177	SAND FINE TO MED. FEW CLAY STKS.
	177		184	BROWN CLAY
	184		200	SAND FINE TO MED. COARSE SMALL GRAVEL
	200		210	LIMESTONE & SOAPSTONE HARD
	210		360	WEATHERED SHALE LIMESTONE LEDGES & FEW SOAPSTONE ST
good	360	20	380	DAKOTA & SHALE
fair	380	30	410	SOAPSTONE SHALE & DAKOTA STKS.
	410		420	SHALE LIMESTONE SOAPSTONE FEW DAKOTA STKS.
good	420	40	460	DAKOTA SHALE & SOAPSTONE FIRM
	460		480	SOAPSTONE SHALE FIRM LEDGES
fair	480	69	549	DAKOTA SOAPSTONE SHALE SHALE SOAPSTONE
	549		560	LIMESTONE SHALE VERY HARD
				5" plastic total depth - 527'
				per. plain
				527' to 487' 40'
				487' to 447' 40'
				447' to 427' 20'
				427' to 407' 20'
				407' to 387' 20'
				387' to 377' 10'
				377' to 357' 20'
				357' to 207' 150'
				207' to 197' 10'
				197' to 0' 197'
				total 110' 417'

GARDEN CITY, KS  
 Phone 276-3278

HENKLE DRILLING & SUPPLY CO., INC.  
 IRRIGATION HEADQUARTERS

SUBLETTE, KS  
 Phone 675-4311

TEST HOLES \* \* \* \* \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* \* STOCK WELLS