

1 LOCATION OF WATER WELL		Fraction <u>Center of</u>	Section Number <u>14</u>	Township Number <u>T 26 S</u>	Range Number <u>R 35 E</u>		
County: <u>Kearny</u>		<u>1/4</u> <u>1/4</u> <u>SE</u> <u>1/4</u>					
Distance and direction from nearest town or city? <u>Approx 13 miles south and 1 1/4 east of Dewartfield</u>			Street address of well if located within city?				
2 WATER WELL OWNER: <u>Hitch Family Farms</u>							
RR#, St. Address, Box #: <u>Box 1054</u>			Board of Agriculture, Division of Water Resources				
City, State, ZIP Code: <u>Carden City, KS 67846</u>			Application Number: <u>33631</u>				
3 DEPTH OF COMPLETED WELL: <u>615</u> ft. Bore Hole Diameter: <u>24</u> 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: <u>176</u> ft. below land surface measured on <u>Aug</u> . . . . . month <u>23</u> . . . . . day <u>1984</u> . . . . . year							
Pump Test Data: Well water was: <u>248</u> ft. after <u>4</u> hours pumping. <u>1225</u> gpm							
Est. Yield <u>1225</u> 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 <u>X</u>		
		7 Fiberglass			Threaded . . . . .		
Blank casing dia: <u>16</u> in. to <u>615</u> ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.							
Casing height above land surface: <u>12</u> in., weight <u>36.91</u> lbs./ft. Wall thickness or gauge No. <u>2192</u>							
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-Perforation Dia: <u>16</u> in. to <u>615</u> ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.							
Screen-Perforated Intervals: From <u>248-328</u> ft. to <u>353-373</u> ft., From <u>385-415</u> ft. to <u>428-615</u> ft.							
Gravel Pack Intervals: From <u>10</u> ft. to <u>615</u> ft., From . . . . . ft. to . . . . . ft.							
5 GROUT MATERIAL:							
1 Neat cement		2 Cement grout	3 Bentonite	4 Other			
Grouted Intervals: From <u>0</u> ft. to <u>10</u> ft., From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.							
What is the nearest source of possible contamination: <u>None Observed</u>							
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 <u>X</u>							
Was a chemical/bacteriological sample submitted to Department? Yes . . . . . No <u>X</u> . . . . . If yes, date sample was submitted . . . . . month . . . . . day . . . . . year: Pump Installed? Yes <u>X</u> . . . . . No . . . . .							
If Yes: Pump Manufacturer's name: <u>Johnston</u> . . . . . Model No. <u>12 CC</u> . . . . . HP <u>125</u> . . . . . Volts . . . . .							
Depth of Pump Intake: <u>345</u> ft. . . . . Pumps Capacity rated at <u>900</u> 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 <u>Aug</u> . . . . . month <u>27</u> . . . . . day <u>1984</u> . . . . . year							
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u>							
This Water Well Record was completed on <u>Oct</u> . . . . . month <u>7</u> . . . . . day <u>1984</u> . . . . . year under the business name of <u>Hankle Drilling and Supply Co. Inc.</u> by (signature) <u>Bruce J. Reichmann</u>							
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.							

OFFICE USE ONLY

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# DRILLERS TEST LOG

CUSTOMERS NAME HITCH FAMILY FARMS DATE 7-29-80  
 STREET ADDRESS Box 1054 TEST # 3  
 CITY & STATE GARDEN CITY, KS. 67846 DRILLER MAI  
 COUNTY Kearny QUARTER SE SECTION 14 TOWNSHIP 26 RANGE 35

LOCATION 290' E. of pivot

✓	DRILLED FOOTAGE			Static Water Level
	From	Pay	To	Proposed Well Depth
	0		18	SURFACE SAND
	18		21	BROWN CLAY
	21		38	FINE SAND
	38		58	BROWN CLAY & CALICHE
	58		90	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL
	90		102	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL & COBBLESTONE
	102		107	BROWN CLAY STICKY
	107		187	BLUE MURKY & BLUE & GREY CLAY, STICKY, FEW CEMENTED LEDGES
	187		194	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL
	194		223	BLUE CLAY, MURKY IN PLACES FEW CEMENTED LEDGES & SAND STKS.
	223		233	BLUE SAND & BLUE CLAY STKS.
50	233	23	273	SAND FINE TO MED. FEW COARSE FEW SMALL GRAVEL & SANDY CLAY STKS. FEW LIMEROCK
60	273	30	303	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW HARD BLUE CLAY STRINGERS
50	303	25	328	SAND FINE TO MED. COARSE FEW SMALL GRAVEL FEW SANDY CLAY STKS. & HARD BLUE CLAY STKS.
	328		352	BROWN & WHITE CLAY LIMEROCK & FEW HARD BLUE CLAY STKS. FEW SMALL SAND STKS.
45	352	6	358	SAND FINE TO MED. & WHITEROCK
	358		364	BROWN CLAY STICKY
25	364	11	375	BROWN & WHITE SANDY CLAY, SAND FINE TO MED. STRINGERS & LIMEROCK
	375		385	BROWN CLAY STICKY
good	385	13	398	BROWN SANDSTONE YELLOW CLAY STKS.
	398		402	BROWN & WHITE SOAPSTONE
ery good	402	14	416	BROWN SANDSTONE LOST CIRCULATION 405' added 3/4 sack bran
	416		426	BROWN SOAPSTONE & HARD GREY CLAY
poor	426	39	465	HARD GREY & BLUE CLAY BROWN SOAPSTONE, RED & BROWN SANDSTONE FEW CHEYENNE, STICKY IN PLACES
ery good	465	81	546	BROWN & WHITE SANDSTONE, FEW HARD CLAY STKS. FEW BLACK ROCK LEDGES LOOSE IN PLACES USES WATER
ery good	546	49	595	BROWN & GREY SANDSTONE BLACK ROCK FEW HARD CLAY STKS. USES WATER VERY LOOSE IN PLACES

GARDEN CITY, KANSAS HENKLE DRILLING & SUPPLY CO., INC. SUBLETTE, KANSAS  
 PHONE 276-3278 IRRIGATION HEADQUARTERS PHONE 675-4311

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

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CUSTOMERS NAME	HITCH FAMILY FARMS	DATE	7-29-80
STREET ADDRESS	BOX 1054	TEST #	3
CITY & STATE	GARDEN CITY, KS. 67846	DRILLER	MAI
COUNTY KEARNY	QUARTER SE	SECTION 14	TOWNSHIP 26 RANGE 35

LOCATION 290' E. of pivot

[illegible]

GARDEN CITY, KANSAS  
PHONE 276-3278

HENKLE DRILLING & SUPPLY CO., INC.  
IRRIGATION HEADQUARTERS

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