

1 LOCATION OF WATER WELL		Fraction <u>Center</u>	Section Number <u>27</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>NW</u> <u>1/4</u>					
Distance and direction from nearest town or city? <u>Approx 14 1/2 miles south of Deerfield, ks.</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>Garden City, ks. 67846</u>			Application Number: <u>33,602</u>				
3 DEPTH OF COMPLETED WELL <u>39.0</u> ft. Bore Hole Diameter <u>2.6</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 <u>Irrigation</u>		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>140</u> ft. below land surface measured on <u>March</u> month <u>3</u> day <u>1980</u> year							
Pump Test Data : Well water was <u>233</u> ft. after <u>4</u> hours pumping <u>1600</u> gpm							
Est. Yield <u>+2000</u> gpm: Well water was ft. after hours pumping gpm							
4 TYPE OF BLANK CASING USED:							
1 <u>Steel</u>		3 RMP (SR)	5 Wrought iron	8 Concrete tile	Casing Joints: Glued Clamped		
2 <u>PVC</u>		4 <u>ABS</u>	6 Asbestos-Cement	9 Other (specify below)	Welded <u>X</u>		
		7 <u>Fiberglass</u>			Threaded		
Blank casing dia <u>16</u> in. to <u>340</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>219</u>							
TYPE OF SCREEN OR PERFORATION MATERIAL:							
1 <u>Steel</u>		3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement		
2 <u>Brass</u>		4 <u>Galvanized steel</u>	6 Concrete tile	9 <u>ABS</u>	11 Other (specify)		
					12 None used (open hole)		
Screen or Perforation Openings Are:							
1 <u>Continuous slot</u>		3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)		
2 <u>Louvered shutter</u>		4 Key punched	6 Wire wrapped	9 Drilled holes			
			7 Torch cut	10 Other (specify)			
Screen-Perforation Dia <u>16</u> in. to <u>387</u> ft., Dia in. to ft., Dia in. to ft.							
Screen-Perforated Intervals: From <u>252</u> ft. to <u>332</u> ft., From <u>367</u> ft. to <u>387</u> ft.							
Gravel Pack Intervals: From <u>10</u> ft. to <u>390</u> ft., From ft. to ft.							
5 GROUT MATERIAL:							
1 <u>Neat cement</u>		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 <u> </u>							
If Yes: Pump Manufacturer's name <u>Johnston</u> Model No. <u>12CC</u> HP <u>140</u> Volts							
Depth of Pump Intake <u>285</u> ft. Pumps Capacity rated at <u>900</u> gal./min.							
Type of pump: 1 Submersible 2 <u>Turbine</u> 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>February</u> month <u>29</u> day <u>1980</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>March</u> month <u>7</u> day <u>1980</u> year under the business name of <u>Henkle Drilling and Supply Co.</u> by (signature) <u>Bruce J. Reichmuth</u>							
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.							

OFFICE USE ONLY

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EW

SEC

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DRILLERS TEST LOG

CUSTOMERS NAME Hitch Family Farms

DATE 2-27-80

STREET ADDRESS Box 1054

TEST # 1 E- LOG yes

CITY & STATE Garden City, Kansas 67846

DRILLER Livingston

COUNTY Kearny

QUARTER NW

SECTION 27

TOWNSHIP

26

RANGE 35

LOCATION 30' South of Pivot

WELL LOCATION

#	DRILLED FROM	PAY	FOOTAGE TO	DESCRIPTION OF STRATA	STATIC WATER LEVEL	
					PROPOSED WELL DEPTH	390'
	0		30	Surface Sand		
	30		41	Brown Clay		
	41		90	Sand fine to med. course, small to large gravel, few clay stks, few caliche stks.		
	90		94	Grey & Yellow Clay		
	94		125	Sand fine to med. course, small to med. gravel		
	125		130	White Clay		
60	130	10	140	Sand fine to med. course small to med. gravel		
70	140	40	180	Sand fine to med. course, small to large gravel, very few clay stks.		
65	180	23	203	Sand fine to med. course small to med. gravel, brown sandy clay stks, few limerock ledges.		
	203		257	Brown clay, sticky in places, few limerock ledges		
75	257	43	300	Sand fine to med. course small to med. gravel, black, tan, & brown rock, cemented ledges, few clay stks.		
70	300	32	332	Sand fine to med. course, small to med. gravel, black, tan & brown rock, clay stks, limerock ledges.		
	332		365	Brown clay, sand stks, limerock & limerock ledges.		
55	365	8	373	Sand fine to med. course few small gravel & white rock loose.		
	373		380	Brown clay & Limerock		
45	380	7	387	Fine sand & Brown rock used water		
	387		401	Yellow & grey soapstone		
		163		TOTAL DEPTH 390'		
				6 Sacks quik gel		
				Set up South East		
				Pits West		
				31' Service Casing.		

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