

1 LOCATION OF WATER WELL		Fraction <u>Center of</u>	Section Number <u>23</u>	Township Number <u>T 26 S</u>	Range Number <u>R 35 E</u>		
County: <u>Freemont</u>		$\frac{1}{4}$ $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$					
Distance and direction from nearest town or city? <u>Approx 14 miles south and 3/4 east of Deertfield</u>			Street address of well if located within city?				
2 WATER WELL OWNER: <u>Hitch Family Farms</u>			Board of Agriculture, Division of Water Resources				
RR#, St. Address, Box #: <u>Box 1054</u>			Application Number: <u>33,622</u>				
City, State, ZIP Code: <u>Garden City, ks, 67846</u>							
3 DEPTH OF COMPLETED WELL: <u>405</u> ft. Bore Hole Diameter: <u>26</u> in. to ft., and in. to ft.							
Well Water to be used as:							
1 Domestic		3 Feedlot		5 Public water supply			
2 Irrigation		4 Industrial		6 Oil field water supply			
		7 Lawn and garden only		8 Air conditioning			
				9 Dewatering			
				10 Observation well			
				11 Injection well			
				12 Other (Specify below)			
Well's static water level: <u>125</u> ft. below land surface measured on <u>April</u> month <u>9</u> day <u>1980</u> year							
Pump Test Data: Well water was <u>170</u> ft. after <u>4</u> hours pumping <u>1466</u> gpm							
Est. Yield <u>+ 3000</u> gpm: Well water was ft. after hours pumping gpm							
4 TYPE OF BLANK CASING USED:							
1 Steel		3 RMP (SR)		5 Wrought iron			
2 PVC		4 ABS		6 Asbestos-Cement			
				7 Fiberglass			
				8 Concrete tile			
				9 Other (specify below)			
				Casing Joints: Glued Clamped			
				Welded <u>X</u>			
				Threaded			
Blank casing dia: <u>16</u> in. to <u>405</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> "w							
TYPE OF SCREEN OR PERFORATION MATERIAL:							
1 Steel		3 Stainless steel		5 Fiberglass			
2 Brass		4 Galvanized steel		6 Concrete tile			
				7 PVC			
				8 RMP (SR)			
				9 ABS			
				10 Asbestos-cement			
				11 Other (specify)			
				12 None used (open hole)			
Screen or Perforation Openings Are:							
1 Continuous slot		3 Mill slot		5 Gauzed wrapped			
2 Louvered shutter		4 Key punched		6 Wire wrapped			
				7 Torch cut			
				8 Saw cut			
				9 Drilled holes			
				10 Other (specify)			
Screen-Perforation Dia: <u>16</u> in. to <u>400</u> ft. Dia in. to ft. Dia in. to ft.							
Screen-Perforated Intervals: From <u>217-232</u> ft. to <u>250-260</u> ft., From <u>265-280</u> ft. to <u>290-330</u> ft.							
From <u>340-400</u> ft. to ft., From ft. to ft.							
Gravel Pack Intervals: From <u>10</u> ft. to <u>405</u> 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 <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			
2 Sewer lines		5 Seepage pit		8 Feed yard			
3 Lateral lines		6 Pit privy		9 Livestock pens			
				10 Fuel storage			
				11 Fertilizer storage			
				12 Insecticide storage			
				13 Watertight sewer lines			
				14 Abandoned water well			
				15 Oil well/Gas well			
				16 Other (specify below)			
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>265</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>April</u> month <u>8</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>April</u> month <u>11</u> day <u>1980</u> year under the business name of <u>Henkle Drilling and Supply Co. Inc</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.

DRILLERS TEST LOG

CUSTOMERS NAME HITCH FAMILY FARMS DATE 3-21-80
 STREET ADDRESS BOX 1054 TEST # 1
 CITY & STATE GARDEN CITY, KS. 67846 DRILLER tim mai
 COUNTY KEARNY QUARTER SW SECTION 23 TOWNSHIP 26 RANGE 35

LOCATION 30' N. of pivot

				set up north	pits east
#	DRILLED FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL 95' ? PROPOSED WELL DEPTH 403'
	0		26	SURFACE	
	26		34	BROWN SANDY CLAY	
	34		63	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL	
	63		102	BROWN WHITE GREY & YELLOW CLAY, ROCK LEDGES FEW CEMENTED LEDGES & SAND STKS.	
	102		130	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL & LARGE ROCK LEDGES & BROWN CLAY STKS.	
	130		160	FEW CEMENTED LEDGES BROWN CLAY, FIRM IN PLACES, STICKY IN PLACES VERY FEW SAND STKS. FEW CEMENTED LEDGES	
15	160	9	169	SAND FINE	
	169		175	BROWN SANDY CLAY FEW SAND STKS.	
15	175	7	182	SAND FINE	
	182		193	GREY & BROWN CLAY STICKY FEW CEMENTED LEDGES	
	193		200	BROWN CLAY & FEW SAND STKS.	
40	200	5	205	SAND FINE TO MED. COARSE	
	205		211	BROWN CLAY & CEMENTED LEDGES	
55	211	16	227	SAND FINE TO MED. COARSE SMALL GRAVEL	
	227		252	BLUE CLAY FEW BLUE SAND STKS.	
55	252	5	257	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	257		263	BROWN SANDY CLAY LIMEROCK	
65	263	16	279	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW CEMENTED LEDGES & WHITE CLAY STKS.	
	279		284	BROWN & WHITE SANDY CLAY FEW LIMEROCK LEDGE & HARD BROWN CLAY STKS.	
60	284	16	300	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW WHITE SANDY CLAY STKS. & LIMEROCK LEDGES	
55	300	26	326	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL FEW SANDY CLAY STKS. & LIMEROCK LEDGES	
	326		331	BROWN SANDY CLAY & LIMEROCK FIRM	
55	331	12	343	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL	
	343		376	BROWN & WHITE CLAY LIMEROCK & SAND STKS. & WHITE ROCK	
35	376	5	381	SAND FINE & SMALL, FEW COARSE & BROWN CLAY STRINGERS	
15	381	15	396	FINE SAND & BROWN CLAY STKS. FEW LIMEROCK LEDGES	
fair	396	4	400	SANDSTONE LEDGES & BROWN ROCK STKS.	
	400		450	GREY & YELLOW SOAPSTONE FEW SANDSTONE STKS. FEW BROWN SOAPSTONE & RED CLAY STKS. DRILLS FIRM & STICKY	
	450		460	RED CLAY & GREY SOAPSTONE FEW CLACK & RED GRAVEL DRILLS FIRM & STICKY	
	460		470	GREY & BROWN SOAPSTONE STICKY	

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS

Phone 276-3278

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS

SUBLETTE, KANSAS

Phone 675-4311