

1 LOCATION OF WATER WELL		Fraction	Near Center	Section Number	Township Number	Range Number
County: <u>Kearny</u>		$\frac{1}{4}$	$\frac{1}{4}$ SE $\frac{1}{4}$	<u>11</u>	T <u>26</u> S	R <u>35</u> EW
Distance and direction from nearest town or city? <u>Approx 8 3/4 South</u> Street address of well if located within city?						
<u>miles & 7 1/2 miles East of Lakin, KS</u>						
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>33,600</u>						
3 DEPTH OF COMPLETED WELL: <u>6.25</u> ft. Bore Hole Diameter: <u>2.5</u> in. to <u> </u> ft. and <u> </u> in. to <u> </u> ft.						
Well Water to be used as:						
1 Domestic		3 Feedlot		5 Public water supply		8 Air conditioning
2 Irrigation		4 Industrial		6 Oil field water supply		11 Injection well
		7 Lawn and garden only		9 Dewatering		12 Other (Specify below)
				10 Observation well		
Well's static water level: <u>15.3</u> ft. below land surface measured on <u>December</u> month <u>10</u> day <u>1980</u> year						
Pump Test Data: Well water was <u>2.26</u> ft. after <u>4</u> hours pumping <u>1,533</u> gpm						
Est. Yield <u>1930</u> gpm: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm						
4 TYPE OF BLANK CASING USED:						
1 Steel		3 RMP (SR)		5 Wrought iron		8 Concrete tile
2 PVC		4 ABS		6 Asbestos-Cement		9 Other (specify below)
				7 Fiberglass		Casing Joints: Glued <u> </u> Clamped <u> </u>
						Welded <u>X</u> Threaded <u> </u>
Blank casing dia: <u>1.6</u> in. to <u>6.25</u> ft. Dia <u> </u> in. to <u> </u> ft. Dia <u> </u> in. to <u> </u> ft.						
Casing height above land surface: <u>1.6</u> in., weight <u>4.2</u> lbs./ft. Wall thickness or gauge No. <u>2.50</u>						
TYPE OF SCREEN OR PERFORATION MATERIAL:						
1 Steel		3 Stainless steel		5 Fiberglass		8 RMP (SR)
2 Brass		4 Galvanized steel		6 Concrete tile		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		8 Saw cut
2 Louvered shutter		4 Key punched		6 Wire wrapped		11 None (open hole)
				7 Torch cut		9 Drilled holes
						10 Other (specify)
Screen-Perforation Dia: <u>1.6</u> in. to <u>6.20</u> ft. Dia <u> </u> in. to <u> </u> ft. Dia <u> </u> in. to <u> </u> ft.						
Screen-Perforated Intervals: From <u>2.45-3.05</u> ft. to <u>3.19-3.24</u> ft. From <u>3.64-3.84</u> ft. to <u>3.93-4.13</u> ft.						
From <u>4.35-4.65</u> ft. to <u>5.00-6.20</u> ft. From <u> </u> ft. to <u> </u> ft.						
Gravel Pack Intervals: From <u>1.0</u> ft. to <u>6.25</u> ft. From <u> </u> ft. to <u> </u> ft.						
From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> ft.						
5 GROUT MATERIAL:						
1 Neat cement		2 Cement grout		3 Bentonite		4 Other
Grouted Intervals: From <u>0</u> ft. to <u>1.0</u> ft. From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> 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
2 Sewer lines		5 Seepage pit		8 Feed yard		11 Fertilizer storage
3 Lateral lines		6 Pit privy		9 Livestock pens		12 Insecticide storage
						13 Watertight sewer lines
						14 Abandoned water well
						15 Oil well/Gas well
						16 Other (specify below)
Direction from well <u> </u> How many feet <u> </u> ? Water Well Disinfected? Yes <u> </u> No <u>X</u>						
Was a chemical/bacteriological sample submitted to Department? Yes <u> </u> No <u>X</u> If yes—date sample						
was submitted <u> </u> month <u> </u> day <u> </u> year: Pump Installed? Yes <u> </u> No <u>X</u>						
If Yes: Pump Manufacturer's name <u> </u> Model No. <u> </u> HP <u> </u> Volts <u> </u>						
Depth of Pump Intake <u> </u> ft. Pumps Capacity rated at <u> </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>December</u> month <u>9</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>December</u> month <u>19</u> day <u>1980</u> year under the business						
name of <u>Henkle Drilling & Supply Co., Inc.</u> by (signature) <u>Bruce J. Richman</u>						
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG	FROM	TO
				See Attached Log		
ELEVATION:						
Depth(s) Groundwater Encountered 1. <u> </u> ft. 2. <u> </u> ft. 3. <u> </u> ft. 4. <u> </u> 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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CASE 1/4

1/4

DRILLERS TEST LOG

CUSTOMERS NAME Hitch Family Farms DATE 10-24-80
 STREET ADDRESS Box 1054 TEST # 3 E. LOG Yes
 CITY & STATE Garden City, KS DRILLER Mai
 COUNTY Kearny QUARTER SE SECTION 11 TOWNSHIP 26 RANGE 35
 LOCATION _____ well location _____

%	FOOTAGE			DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay	To		Proposed Well Depth _____
	0		38	Surface sand	
	38		43	Gray & brown clay	
	43		60	Sand - fine to med course	
	60		123	Sand - fine to med course small to large gravel clay stks few cemented ledges & sand stks	
	123		164	Brown clay, cemented ledges & sand stks	
	164		175	Gray & blue clay	
	175		183	Sand - fine to med course & yellow clay	
	183		196	Blue murky clay very few blue sand & sand stk	
	196		227	Brown clay sand stks & cemented ledges	
20	227	15	242	Sand - fine to med course & brown sandy clay brown clay stks & limerock ledges	
60	242	63	305	Sand - fine to med course small to med gravel few large rock ledges & sandy clay stks	
	305		318	Brown sandy clay few white clay stks very few sand stks	
55	318	6	324	Sand - fine to med course med small gravel	
	324		350	Brown clay limerock sticky	
	350		364	Brown clay & fine sand & limerock	
40	364	6	370	Sand - fine to med	
	370		376	Brown clay limerock	
30	376	11	387	Sand - fine few small & med	
	387		393	Brown clay sticky	
good	393	16	409	Brown sandstone (loose 393-398) few soapstone stks	
	409		415	Blue clay hard brown clay stks	
	415		436	Gray & brown soapstone very few sandstone stks	
poor	436	9	445	Gray sandstone (Hard ledge 442')	
	445		455	Gray soapstone very few sandstone stks, drills firm	
poor	455	10	465	Gray sandstone & (hard ledge 442')	
	465		495	Gray soapstone & red clay stk sticky	
fair	495	27	522	Gray sandstone few soapstone stks	
good	522	83	605	Gray sandstone few black rock, loose in few places (Blew Kelly Hose 570' lost 30% circulation)	
fair	605	12	617	Black sandstone & gray clay	
	617		620	Gray clay	
				8 sacks Quik-Gel	
				Sit up North pits East	

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