

1 LOCATION OF WATER WELL		Fraction <u>Center</u>	Section Number <u>36</u>	Township Number <u>T 26 S</u>	Range Number <u>R 35 E</u>
County: <u>Kearny</u>		$\frac{1}{4}$ $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$			
Distance and direction from nearest town or city? <u>Approx 15 1/2 miles south and 1 1/4 miles east of Deerfield</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>33,592</u>		
City, State, ZIP Code: <u>Garden City, ks. 67846</u>					
3 DEPTH OF COMPLETED WELL: <u>470</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>163</u> ft. below land surface measured on <u>April 4</u> month <u>1</u> day <u>1980</u> year					
Pump Test Data: Well water was <u>203</u> ft. after <u>4</u> hours pumping <u>1420</u> gpm					
Est. Yield <u>42000</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>470</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" w</u>					
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)	
				11 None (open hole)	
Screen-Perforation Dia: <u>16</u> in. to <u>465</u> ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.					
Screen-Perforated Intervals: From <u>237-252</u> ft. to <u>273-303</u> ft., From <u>308-348</u> ft. to <u>375-395</u> ft.					
From <u>405-465</u> ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.					
Gravel Pack Intervals: From <u>10</u> ft. to <u>470</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>12CC</u> HP <u>125</u> Volts . . . . .					
Depth of Pump Intake <u>305</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>March</u> month <u>27</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>3</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)					

OFFICE USE ONLY

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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 3-17-80  
STREET ADDRESS Box 1054 TEST # 1  
CITY & STATE Garden City, KS. 67846 DRILLER MAI  
COUNTY Kearny QUARTERNW SECTION 36 TOWNSHIP 26 RANGE 35

LOCATION 30' N. of pivot

## WELL LOCATION

	DRILLED		FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL 150'
	FROM	PAY	T		PROPOSED WELL DEPTH 468'
	0		6	SURFACE SAND	
	6		11	BROWN CLAY	
	11		21	SAND FINE TO MED.	
	21		26	BROWN CLAY - (SURFACE PIPE)	
	26		45	BROWN CLAY & FEW SAND STKS.	
	45		96	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL	
				FEW CLAY STKS. FEW CEMENTED LEDGES	
	96		104	BROWN CLAY	
	104		108	SAND FINE TO MED. COARSE	
	108		113	BROWN SANDY CLAY	
	113		130	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	130		142	BROWN CLAY	
	142		156	SAND FINE TO MED. COARSE SMALL TO LARGE	
	156		166	BROWN CLAY	
40	166	7	173	SAND FINE TO MED. COARSE SMALL GRAVEL	
	173		198	BROWN CLAY STICKY IN PLACES	
40	198	5	203	SAND FINE TO MED. COARSE SMALL GRAVEL	
	203		232	BROWN CLAY STICKY FEW SAND STKS. FEW LIMEROCK	
				LEDGES	
55	232	20	252	SAND FINE TO MED. COARSE SMALL GRAVEL SRILLS	
				FIRM FEW CLAY STKS.	
	252		265	BROWN CLAY STICKY IN PLACES, FEW SAND STKS.	
	265		274	BROWN SANDY CLAY & SAND STKS.	
60	274	16	290	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
				FEW WHITE CLAY STKS. & LIMEROCK LEDGES DRILLS FI	
	290		293	BROWN CLAY & LIMEROCK LEDGES	
55	293	10	303	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL	
				VERY FEW CLAY STKS. & LIMEROCK LEDGES	
	303		308	BROWN & WHITE CLAY WITH HARD GREY CLAY LEDGES	
65	308	13	325	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL	
	325		329	BROWN CLAY	
45	329	4	333	SAND FINE TO MED. COARSE	
50	333	13	346	SAND FINE TO MED. COARSE FEW SMALL GRAVEL ROCK	
				LEDGES FEW CLAY STKS.	
	346		373	BROWN & WHITE CLAY & LIMEROCK FEW SAND STKS.	
40	373	19	392	SAND FINE & SMALL LIMEROCK & FEW SHITE CLAY STKS	
	392		402	WHITE & BROWN SANDY CLAY, LIMEROCK & FEW FINE	
				& SMALL SAND STK.	
45	402	7	409	BROWN SOAPSTONE & BROWN ROCK LEDGES	
good	409	41	450	SANDSTONE & SOAPSTONE DRILLS FIRM, USES WATER AD	
				ADDED 1/8 sack bran	
very good	450	4	454	SANDSTONE & BROWN ROCK LOOSE	

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

# DRILLERS TEST LOG

CUSTOMERS NAME	HITCH FAMILY FARMS	DATE	3-17-80
STREET ADDRESS	BOX 1054	TEST #	1
CITY & STATE	GARDEN CITY, KS. 67846	DRILLER MAIL	
COUNTY KEARNY	QUARTER NW	SECTION 36	TOWNSHIP 26 RANGE 35

LOCATION 30' N of pivot

WELL LOCATION

[illegible]

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