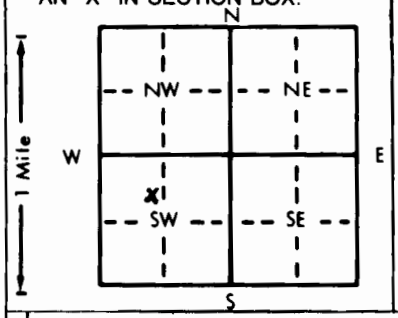
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Seward | Fraction: SE ¼ NW ¼ SW ¼ | Section Number: 12 | Township Number: T 33 S | Range Number: R 31 E(W)

Distance and direction from nearest town or city street address of well if located within city?
Approx. 3 miles east and 1¼ miles south of Kismet

2 WATER WELL OWNER: DeKalb Swine Breeders
RR#, St. Address, Box # : Box 429
City, State, ZIP Code : Plains, KS 67869
Board of Agriculture, Division of Water Resources
Application Number: 21,974

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 320' ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 220' ft. below land surface measured on mo/day/yr
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 300 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 17½ in. to 320 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 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)
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued Clamped Welded X Threaded
Blank casing diameter 8" in. to 320' ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12" in., weight 19.66 lbs./ft. Wall thickness or gauge No. .219

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 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 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 260-320 ft. to ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 320 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? WEST How many feet? + 300 ft.

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8-18-87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 9-10-87 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Reichmuth

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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

DRILLERS TEST LOG

CUSTOMER'S NAME: DeKalb Swine Breeders DATE: 8-18-87
STREET ADDRESS: Box 429 TEST # 1 E. LOG YES
CITY & STATE: Plains, KS 67869 DRILLER Charlie Rector
COUNTY Seward QUARTER SW SECTION 12 TOWNSHIP 33 RANGE 31

LOCATION 50 ft. east of present well

WELL LOCATION

STATIC WATER LEVEL: 22'
Proposed Well Depth:

%	FOOTAGE From	Pay	TO	DESCRIPTION OF STRATA
	0		3	Surface
	3		23	Fine Sand
	23		67	Brown clay and caliche and few hard ledges
	67		80	Sand and cemented sand, lost circulation at 75 ft., mixed mud
	80		98	Brown clay and caliche
	98		138	Sand, fine to medium, coarse, medium, small and small gravel, loose - used water, mud heavy
	138		145	Yellow clay
	145		165	Brown clay, cemented places and sand stks.
	165		180	Brown sandy clay and sand
	180		203	Sand, fine to medium, coarse, and small gravel, loose and used water, mud med. heavy
	203		216	Brown clay, sand and caliche
55	216	20	236	Sand, fine to medium, coarse, medium, small gravel
	236		242	Brown and blue clay
70	242	38	280	Sand, fine to medium, coarse, medium, small and small gravel, fairly loose, used water
60	280	36	316	Sand, fine, coarse, medium, small and few small gravel, little sandy clay mixed fairly loose, used water
	316		337	Very fine sand and sandy blue clay
	337		403	Blue clay, sticky, murky, sloughing
20	403	29	432	Very very fine sand, and sandy blue clay, could not catch sand in screen
40	432	43	475	Blue sand, fine to medium, coarse, fairly loose, used water, little blue clay mixed
60	475	7	482	Sand, fine to medium, coarse, small gravel, loose and used water
	482		496	Brown sandy clay, sand and limerock
	496		500	Limerock and soapstone
				Well Depth = 320'
				Set up - east
				Pit on the south
				Used 7 loads of water hauled from Kismet
				5 - 50 lb bags of Hi-Tech Mud
				3 - 50 lb bags of Quik Gel

GARDEN CITY, KS 67846 HENKLE DRILLING & SUPPLY CO., INC. 316-277-2389
3795 West Jones Ave.
IRRIGATION HEADQUARTERS