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

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Haskell	SE ¼ SE ¼ NE ¼	19	T 27 S	R 31 E/W

Distance and direction from nearest town or city street address of well if located within city?

Approx. 10 miles north & 6 miles west of Copeland, KS

2 WATER WELL OWNER: Willie Nichols

RR#, St. Address, Box # : Rt. 1, Box 360

City, State, ZIP Code : Copeland, KS 67837

Board of Agriculture, Division of Water Resources Application Number: 11,436

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

N — NW — NE — X — W — E — SW — SE — S — 1 Mile

4 DEPTH OF COMPLETED WELL: 425' ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 170 ft. below land surface measured on mo/day/yr 3/25/89

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 1900 gpm: Well water was 199' ft. after 4 hours pumping 1911 gpm

Bore Hole Diameter 24 in. to 425 ft., and in. to ft.

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well

1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)

2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well

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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded X

2 PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter 16" in. to 425' ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 12" in., weight 42.05 lbs./ft. Wall thickness or gauge No. 250W

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement

1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)

2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)

1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes

2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 225' ft. to 425' ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20' ft. to 425' 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: 10 Livestock pens 14 Abandoned water well

1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well

2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)

3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage

Direction from well? North How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See log attached			

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) 3/23/89 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) 6/14/89 under the business name of Henkle Drilling & Supply Co., Inc. by (signature)

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: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼

DRILLERS TEST LOG

CUSTOMER'S NAME: Willey Nichol DATE: 3-13-89
STREET ADDRESS: Rt 1, Box 360 TEST # 1 E. LOG Yes
CITY & STATE: Copeland, KS 67837 DRILLER Norman
COUNTY Haskell QUARTER NE SECTION 19 TOWNSHIP 27 RANGE 31

LOCATION 100' South of old well Well Location

%	FOOTAGE From	Pay	TO	DESCRIPTION OF STRATA STATIC WATER LEVEL: Proposed Well Depth:
	0		2	Top Soil
	2		50	Brown sandy clay & fine sand streaks
	50		65	Sand fine to medium coarse
	65		141	Sand fine to medium coarse small to large gravel
	141		156	Brown sandy clay
	156		171	Sand fine to medium coarse small to some medium gravel
	171		179	Brown clay
60	179	95	274	Sand fine to medium coarse small to medium gravel with
				few cemented ledge
65	274	86	360	Sand fine to medium coarse, small to medium gravel
	360		362	White clay
50	362	22	384	Sand fine to medium coarse with some small clay streaks
20	384	29	413	Brown sandy clay with some small sand streaks
30	413	9	422	Sand fine to medium
	422		523	Brown sandy clay and fine sand streaks and brown
				rock ledge @490'
	523		540	Gray shale
				Well Depth - 425'
				Set up east pit on south
				1 - set 4 3/4" drag blades
				3 - 50 # bags Q-Gel
				1 - Perma Plug

GARDEN CITY, KS 67846 HENKLE DRILLING & SUPPLY CO., INC. 316-277-2389
3795 West Jones Ave.
IRRIGATION HEADQUARTERS
TEST HOLES * * * * * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * * * * * STOCK WELLS