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

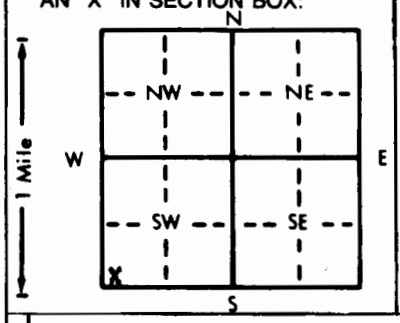
1 LOCATION OF WATER WELL: County: SEWARD	Fraction: SW ¼ SW ¼ SW ¼	Section Number: 23	Township Number: T 34 S	Range Number: R 33 E (W)

Distance and direction from nearest town or city street address of well if located within city?
Approx. 1½ miles east and one north of Liberal, KS

2 WATER WELL OWNER: National Beef Packing CO.
RR#, St. Address, Box # : 1501 East 8th
City, State, ZIP Code : Liberal, KS 67901

Board of Agriculture, Division of Water Resources
Application Number:

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



4 DEPTH OF COMPLETED WELL 250 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL Not Measured ft. below land surface measured on mo/day/yr
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9 7/8 in. to 250 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 Threaded
Blank casing diameter 5" in. to 250 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12 in., weight 2.9 lbs./ft. Wall thickness or gauge No. .265
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 130-250 ft. to ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 120 ft. to 250 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 120 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? How many feet? NONE OBSERVED

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) 11-3-87 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) 11-11-87 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.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼

DRILLERS TEST LOG

CUSTOMER'S NAME: National Beef Packing Co. DATE: 11-2-87
STREET ADDRESS: 1501 East 8th St. TEST # 2 E. LOG YES
CITY & STATE: Liberal, KS 67901 DRILLER Livingston
COUNTY SEWARD QUARTER SW SECTION 23 TOWNSHIP 34 RANGE 33

LOCATION

%	FOOTAGE From	Pay	TO	DESCRIPTION OF STRATA — STATIC WATER LEVEL: Proposed Well Depth:
	0		1	Top Soil
	1		5	Sand, fine
	5		30	Brown sandy clay
	30		52	White sandy clay and caliche, brown sandy clay
	52		80	Brown fine sandy clay streaks
	80		92	Sand, fine to medium, and small to medium gravel
	92		138	Brown sandy clay and limerock ledges
	138		147	Sand, fine to medium, coarse and small gravel
	147		162	Brown sandy clay and limerock ledges
	162		200	Fine to medium, sand and clay stks.
	200		218	Brown sandy clay and brown sand
	218		250	Sand, fine to medium, coarse
				TOTAL DEPTH: 250'
				5" PVC CASING
				PERF PLAIN
				250'-130' 120'
				130'-0' 130'
				TOTAL: 120' 130'
				1 Bucket Pellets - 120'
				150 lbs. HiTech
				#1 Fine Gravel Pack
				2 - 5" Caps
				2½ Yds. Cement @ 120'

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