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

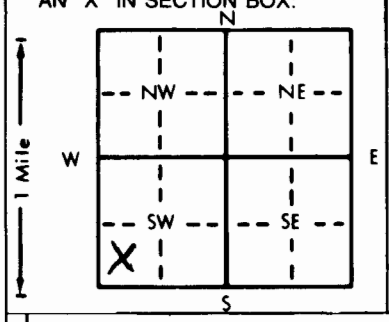
1 LOCATION OF WATER WELL: County: SEWARD | Fraction: C ¼ SW ¼ SW ¼ | Section Number: 33 | Township Number: T 34S S | Range Number: R 31W E(W)

Distance and direction from nearest town or city street address of well if located within city?
7 MILES SOUTHEASTFROM HAYES, KS.

2 WATER WELL OWNER: ZENITH DRILLING
RR#, St. Address, Box # : BOX 2766
City, State, ZIP Code : LIBERAL, KS 67905-2766

#1 LONG
Board of Agriculture, Division of Water Resources
Application Number: #930507

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



4 DEPTH OF COMPLETED WELL 280 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 200 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 200 ft. below land surface measured on mo/day/yr 12-9-93
Pump test data: Well water was 220 ft. after 1 hours pumping 80 gpm
Est. Yield 80 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9½ in. to 280 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 X Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
(2) PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 5 in. to 280 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight 2.902 lbs./ft. Wall thickness or gauge No. .280 SDR 21

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 220 ft. to 280 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 170 ft. to 280 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 HOLE PLUG
Grout Intervals: From 1 ft. to 20 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage (15) Oil well/Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage
Direction from well? SOUTHEAST How many feet? 125'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	10	FINE SAND			
10	30	CALICHE			
30	60	SANDY CLAY			
60	87	MED. TO COARSE SAND			
87	89	SAND STONE			
89	120	FINE TO COARSE SAND			
120	130	SANDY CLAY			
130	198	FINE TO COARSE SAND & GRAVEL			
198	205	SANDY BLUE CLAY			
205	270	FINE TO COARSE SAND STREAKS OF CLAY AT 225-230			
270	280	BLUE & BROWN CLAY			

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) 12-9-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWCL-430 This Water Well Record was completed on (mo/day/yr) 12-9-93 under the business name of HOWARD DRLG. CO. BOX 806 BEAVER, OK 73932 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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

#17580

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼