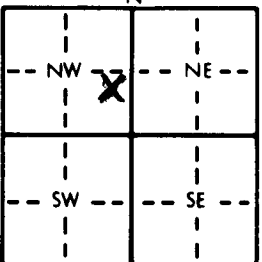


1 LOCATION OF WATER WELL: Fraction NE 1/4 SE 1/4 NW 1/4 Section Number 4 Township Number T 33S S Range Number R 43W **E/W**
 County: MORTON
 Distance and direction from nearest town or city street address of well if located within city?

12 MILES SOUTHWEST RICHFIELD, KS

2 WATER WELL OWNER: HUGOTON ENERGY #1-4 VOILES
 RR#, St. Address, Box # : 229 E WILLIAM STE 500 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : WICHITA, KS 67202 Application Number: 940027

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL... 300 ft. ELEVATION: ...
 Depth(s) Groundwater Encountered 1... 100 ft. 2... ft. 3... ft.
 WELL'S STATIC WATER LEVEL ... 100 ft. below land surface measured on mo/day/yr 1-27-94
 Pump test data: Well water was 120 ft. after 1 hours pumping 90 gpm
 Est. Yield 90 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter... 9 1/2 in. to 300 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 300 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 260 ft. to 300 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 240 ft. to 300 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? NORTHWEST How many feet? 250'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	SAND TOP	294	300	YELLOW CLAY
2	8	SAND			
8	42	CLAY			
42	51	CLEACHY			
51	67	CLAY			
67	71	SANDY CLAY			
71	92	SAND			
92	96	CLAY			
96	142	SANDY CLAY			
142	153	SAND			
153	168	RED CLAY			
168	182	RED CLAY, YELLOW, SAND STREAKS			
182	238	YELLOW CLAY, SAND STREAKS			
238	262	FINE SAND			
262	294	SAND			

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) 1-27-94 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) 1-27-94 under the business name of HOWARD DRUG CO. BOX 806 BEAVER, OK 73932 by (signature) *Howard D. ...*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send four 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.

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