

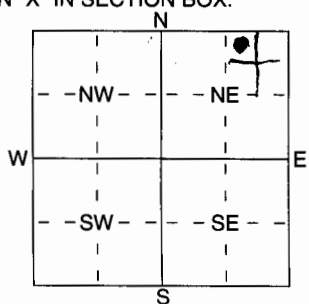
1 LOCATION OF WATER WELL: Fraction NW 1/4 NE 1/4 NE 1/4 Section Number 19 Township Number T 31 S Range Number R 8 E/W  
 County: Harper

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

6 N. Attica

2 WATER WELL OWNER: Merit Energy RR#, St. Address, Box #: 13727 Noct City, State, ZIP Code: Dallas, TX 76240 88  
 Board of Agriculture, Division of Water Resources Application Number: 20040140

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 88 ft. ELEVATION: 45 ft.



Depth(s) Groundwater Encountered 45 ft. 2 45 ft. 3 6-29-04 ft.  
 WELL'S STATIC WATER LEVEL 45 ft. below land surface measured on mo/day/yr 6-29-04  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield 60 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 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 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes X No .....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected Yes 0 No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 7 Fiberglass Threaded .....

Blank casing diameter 5 in. to 6.7 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface 24 in., weight ..... lbs./ft. Wall thickness or gauge No. 160\*

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement  
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify) .....  
 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes  
 7 Torch cut 10 Other (specify) .....

SCREEN-PERFORATED INTERVALS: From 67 ft. to 72 ft., From 81 ft. to 88 ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 23 ft. to 88 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 3 ft. to 23 ft., From 75 ft. to 79 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? How many feet? 700' S

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	soil			
2	25	fine sand			
25	32	fine sand w/ clay streaks			
32	42	sand			
42	52	Brown Clay			
52	60	fine sand			
60	66	red clay			
66	72	sand			
72	81	fine sand			
81	86	sand			
86	88	red shale			

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) 6-29-04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 170 This Water Well Record was completed on (mo/day/yr) 6-29-04 under the business name of Lyman's Inc by (signature) Alan Lyman