

1 LOCATION OF WATER WELL: County: Grant	Fraction SW ¼ SW ¼ SW ¼	Section Number 20	Township Number T 27 S	Range Number R 35 E (W)
--	----------------------------	----------------------	---------------------------	----------------------------

Distance and direction from nearest town or city street address of well if located within city?  
 Sublette, Ks: 14 Miles North to Hitch Feeders Rd. 17 miles West, North into

2 WATER WELL OWNER: SW Windmill Dale Koehn  
 RR#, St. Address, Box # : P.O. Box 909  
 City, State, ZIP Code : Meade, Ks. 67864  
 Board of Agriculture, Division of Water Resources  
 Application Number:

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

N			
W	NW	NE	E
	SW	SE	
			S

X is in the SW corner.

4 DEPTH OF COMPLETED WELL ..... 460 ..... ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered ..... 341 ..... ft. 2 ..... 341 ..... ft. 3 ..... 7-1-04 ..... ft.  
 WELL'S STATIC WATER LEVEL ..... 341 ft. below land surface measured on mo/day/yr ..... 7-1-04 .....  
 Pump test data: Well water was ..... 341 ..... ft. after ..... 1 ..... hours pumping ..... 50 F ..... gpm  
 Est. Yield ..... 50 F ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 WELL WATER TO BE USED AS:  
 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 ..... No  ..... ; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes ..... No  ..... 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 .....  
 Blank casing diameter ..... 5 ..... in. to ..... 380 ..... ft. Dia ..... in. to ..... ft. Dia ..... in. to ..... ft. Dia .....  
 Casing height above land surface ..... 24 ..... in., weight ..... 3.604 ..... lbs./ft. Wall thickness or gauge No. SDR 21.316  
 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) .....  
 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 ..... 380 ..... ft. to ..... 460 ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From ..... 260 ..... ft. to ..... 460 ..... 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 ..... 25 ..... 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? ..... How many feet? .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface	443	450	Sand and clay steaks
2	67	Clay	450	465	Sand "hard"
67	132	Sandy clay and clay	465	475	Clay "white"
132	160	Sand	475	478	Started changing formation to possible shale or sandstone.
160	178	Sandy clay			Lost circulation at 478'. Got it back at significantly reduced flow; cased to 460'
178	338	Sand and gravel			
338	390	Sand "hard"			
390	397	Sand and clay streaks			
397	405	Clay			
405	414	Clay and sand streaks			
414	417	Sand			
417	423	Clay			
423	435	Sand and clay streaks			
435	443	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) ..... 7-01-04 ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. KWCL-430 ..... This Water Well Record was completed on (mo/day/yr) ..... 7-01-04 ..... under the business name of Howard Drilling Co. Box 806 Beaver, Ok 73932 by (signature) *Paul Howard*