WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. _____

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Meade	NW ¼ NW ¼ SW ¼	28	T 31 S	R 27 E/W

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

4 Mile East & 3/4 mile south of Meade, Kansas

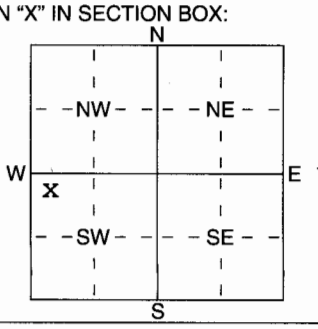
2 WATER WELL OWNER: William R. Cottrell Jr.

RR#, St. Address, Box # : P.O. Box 309

City, State, ZIP Code : Meade, Kansas 67877

Board of Agriculture, Division of Water Resources Application Number: 44007

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



4 DEPTH OF COMPLETED WELL 230 ft. ELEVATION:

Depth(s) Groundwater Encountered 1 165 ft. 2 200 ft. 3 216 ft.

WELL'S STATIC WATER LEVEL 27 ft. below land surface measured on mo/day/yr 6-20-03

Pump test data: Well water was ... ft. after ... hours pumping ... gpm

Est. Yield 700 gpm: Well water was ... ft. after ... hours pumping ... gpm

WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes ... No X ...; If yes, mo/day/yrs 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 X & Bolted Welded ... Threaded ...

Blank casing diameter 16 in. to 0-170 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.

Casing height above land surface 12 in., weight ... lbs./ft. Wall thickness or guage No. SDR26

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 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 170 ft. to 230 ft., From ... ft. to ... ft.

From ... ft. to ... ft., From ... ft. to ... ft.

GRAVEL PACK INTERVALS: From 20 ft. to 230 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 20-17 Bentonite ft., From 17-0 Grout 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?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil & clay (little blue)	216	224	Sand
30	45	Clay (L. blue) & fine sand	224	225	Clay
45	135	Clay (blue	225	240	Clay & little lime (hard)
135	150	Clay (blue) & fine sand			
150	161	Clay (brown & gummy) (L. blue)			
161	165	Sand			
165	180	Sand & cemented sand & 1' clay			
180	183	Cemented sand & sand			
183	185	Clay & lime & 2' sand (stks)			
185	200	Clay & little lime & 1' sand			
200	204	Sand			
204	208	Cemented sand & clay & little sand			
208	211	Sand			
211	216	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) 6-20-03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 6-21-03 under the business name of Dunham Drilling Inc by (signature) Karen Dunham

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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.