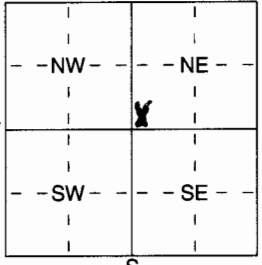


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 NE 1/4 Section Number 15 Township Number T 30 S Range Number R 28 E (W)  
 County: Meade

Distance and direction from nearest town or city street address of well if located within city?  
10 1/2 miles South on Road 13, 3 miles East on C Road, 1/2 mile South, 1/2 East of Montezuma

2 WATER WELL OWNER: Mr. F. D. Merkle  
 RR#, St. Address, Box # : 16212 C Road Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Fowler, Kansas 67844 Application Number: 14965

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL ..... 380 ..... ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1 ..... 233 ..... ft. 2 31.8 ..... ft. 3 345 ..... 360 ..... ft.  
 WELL'S STATIC WATER LEVEL ..... 233 ..... ft. below land surface measured on mo/day/yr ..... 6-22-10  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield ..... 1100 ..... 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 ..... No X .....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Bolted  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded  
 Blank casing diameter ..... 1.6 ..... in. to ..... 260 ..... ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface ..... 12 ..... in., weight ..... lbs./ft. Wall thickness or gauge No. SDR26  
 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) ..... ft.  
 SCREEN-PERFORATED INTERVALS: From ..... 260-360 PVC ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From ..... 20 ..... ft. to 380 ..... 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 ..... 0-16 Cement ..... ft., From 16-20 Bentonite ..... 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	20	Topsoil & Clay	175	195	Sand, gravel & cemented sand
30	60	Clay & little lime	195	209	Sand (coarse)
60	75	Clay, lime & little sand	209	218	Clay & little lime
75	90	Sand & clay	218	225	Sand
90	96	Sand & clay	225	233	Clay & little lime
96	105	Sand & cemented sand	233	240	Sand & little cemented sand
105	110	Sand	240	255	Sand
110	117	Clay & little sand	255	266	Sand
117	118	Lime	266	270	Clay & little lime
118	136	Lime & clay	270	271	Cemented sand
136±	139	Sand & clay	271	272	Sand
139	143	Clay	272	273	Cemented sand
143	163	Sand	273	274	Sand
163	175	Clay & little lime	274±	275	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) ..... 6-22-10 ..... 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) ..... 6-24-10 ..... under the business name of Dunham Drilling inc. by (signature) Kate Dunham

275	276	Lime
276	285	Clay & little lime
285	300	Clay (blue)
300	305	Clay & little broken lime
305	315	Lime & little clay
315	318	Clay with lime
318	324	Sand
324	330	Clay with lime
330	332	Clay with lime
332	333	Sand
333	345	Clay with lime
345	348	Sand
348	360	Clay with lime
360	367	Sand & little clay
367	375	Clay with lime
375	390	Clay with lime