

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number	
County: <u>Ford</u>	<u>SW 1/4 SW 1/4 NE 1/4</u>	<u>35</u>	<u>T 27 S</u>	<u>R 24 E/W</u>	
Distance and direction from nearest town or city street address of well if located within city? <u>8 miles South, 1/2 mile East, 1/2 mile North, 1/2 mile West of Dodge City, KS</u>					
2 WATER WELL OWNER: <u>Mr. Loren L. Barngrover</u>					
RR#, St. Address, Box # : <u>11747 117 Road</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>Dodge City, Kansas 67801</u>			Application Number: <u>14775</u>		
3 LOCATE WELL'S LOCATION WITHIN SECTION BOX: AN "X" IN SECTION BOX:					
		4 DEPTH OF COMPLETED WELL <u>380'</u> ft. ELEVATION: Depth(s) Groundwater Encountered 1 <u>120'</u> ft. 2 <u>304'</u> ft. 3 <u>357'</u> ft. WELL'S STATIC WATER LEVEL <u>105'</u> ft. below land surface measured on mo/day/yr <u>12/29/05</u> Pump test data: Well water was ft. after hours pumping gpm Est. Yield <u>1400</u> 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 <u>X</u> If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <u>X</u> No			
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR)		5 Wrought iron 8 Concrete tile		CASING JOINTS: Glued & Bolted	
2 PVC 4 ABS		6 Asbestos-Cement 9 Other (specify below)		Welded	
		7 Fiberglass		Threaded	
Blank casing diameter <u>1.6"</u> in. to <u>320'</u> ft., Dia in. to ft., Dia in. to ft.					
Casing height above land surface <u>12"</u> in., weight lbs./ft. Wall thickness or gauge No. <u>26 SDR</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement		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:					
1 Continuous slot 3 Mill slot 5 Guazed wrapped 8 Saw cut 11 None (open hole)		6 Wire wrapped 9 Drilled holes			
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ft.					
SCREEN-PERFORATED INTERVALS: From <u>320-360</u> <u>Wire to wrap</u> ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>360-380</u> <u>PVC</u> ft., From ft. to ft.					
From <u>20-380</u> ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <u>20</u> ft. to <u>16</u> <u>Bentonite</u> <u>16</u> ft. to <u>0</u> <u>Grout</u> 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		11 Fuel storage 15 Oil well/Gas well			
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)					
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage					
Direction from well? How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	Topsoil, clay & little lime	146	157	Clay & little lime
15	30	Clay & little lime	157	170	Clay, fine sand & lime
30	72	Clay	170	195	Clay & little lime
72	73	Cemented sand	195	198	Fine sand
73	75	Sand & little cemented sand	198	202	Clay
75	84	Sand	202	204	Fine sand
84	86	Cemented sand & clay	204	210	Clay & little lime
86	90	Clay	210	225	Clay (tight) (gray)
90	105	Sand	225	232	Clay (tight) with lime
105	120	Sand (coarse) & cemented sand	232	251	Clay & lime
120	131	Sand & gravel & cemented sand	251	253	Lime
131	135	Sand	253	293	Clay & little lime
135	141	Clay	293	300	Sand (fine) & 1' clay
141	146	Sand	300	304	Clay & 1' 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) <u>12/29/05</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>223</u> This Water Well Record was completed on (mo/day/yr) <u>1/25/06</u> under the business name of <u>Dunham Drilling Inc.</u> by (signature) <u>Karen Dunham</u>					

304	311	Sand (tight) & 3' clay
311	315	Sand (little coarse
315	323	Sand & 2' Clay
323	326	Clay
326	336	Sand
336	341	Clay
341	345	Sand & clay
345	350	Clay
350	357	Clay & 1' sand
357	372	Sand
372	375	Clay
375	389	Clay & little lime