

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Gray</u>	<u>NW 1/4 SW 1/4 NW 1/4</u>	<u>22</u>	<u>T 29 S</u>	<u>R 30 E/W</u>

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

2 Miles East & 2 1/2 South of Copeland

2 WATER WELL OWNER: <u>James R. Adams</u>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: <u>Route 1 Box 1127</u>	Application Number: <u>4822</u>
City, State, ZIP Code: <u>Shell Knob, Mo. 65747</u>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>355</u> ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. <u>248</u> ft. 2. <u>300</u> ft. 3. _____ ft.
	WELL'S STATIC WATER LEVEL <u>210</u> ft. below land surface measured on <u>mo/day/yr</u> <u>2-28-92</u>
	Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
	Est. Yield <u>1200</u> gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
	Bore Hole Diameter: <u>26</u> in. to <u>355</u> ft., and _____ in. to _____ ft.
	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 <u>Irrigation</u> 4 Industrial 7 Lawn and garden only 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:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 <u>PVC</u>	4 ABS	7 Fiberglass	_____
Blank casing diameter <u>16</u> in. to <u>295</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.			Welded _____ Threaded <u>Riveted</u>
Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 <u>PVC</u>	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 <u>Saw cut</u>	11 None (open hole)
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) _____
SCREEN-PERFORATED INTERVALS: From <u>295</u> ft. to <u>355</u> ft., From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>355</u> ft., From _____ ft. to _____ ft.			

6 GROUT MATERIAL:	1 <u>Neat cement</u>	2 Cement grout	3 Bentonite	4 Other _____
Grout Intervals: From <u>0</u> ft. to <u>20</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.				
What is the nearest source of possible contamination:	10 Livestock pens	14 <u>Abandoned water well</u> (plug)		
1 Septic tank	4 Lateral lines	7 Pit privy	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? <u>North</u>		How many feet? <u>290</u>		

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil & clay	210	210	Clay
30	45	Clay	210	232	Sand
45	60	Clay & little lime & little fine sand	232	238	Clay & little lime
60	75	Clay(cavey) & lime (hard)	238	239	Lime (very hard)
75	90	Clay & fine sand	239	248	Clay
90	105	Sand & clay	248	255	Sand
105	120	Sand & little cemented sand	255	270	Sand & 2' clay
120	135	Sand & gravel & little cemented sand	270	285	Sand & 2' cemented sand (hard)
135	150	Clay & 2' lime (hard)	285	298	Sand & little cemented sand (tight)
150	165	Clay & little sand	298	300	Clay
165	180	Sand & little cemented sand	300	315	Sand & clay & cemented sand
180	195	Sand & little clay	315	330	Sand & 2' clay (streaks)
195	198	Sand	330	353	Sand & little clay
198	210	Clay & little sand	353	364	Lime (very hard) & clay
210	212	Sand	364	367	Lime (very very hard)

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>3-2-92</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>223</u> This Water Well Record was completed on (mo/day/yr) <u>3-16-92</u> under the business name of <u>Dunham Drilling Company</u> by (signature) <u>Karen Dunham</u>
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