

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:	Fraction County: Gray SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	Section Number 11	Township Number T 28 S	Range Number R 27 E/W
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Distance and direction from nearest town or city street address of well if located within city?

2 Miles South of Ensign, Kansas

2 WATER WELL OWNER:	Ensign Township RR#, St. Address, Box # : c/o Mike Dohrmann City, State, ZIP Code : Ensign, Kansas 67841	Board of Agriculture, Division of Water Resources Application Number:
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL... 455' ft. ELEVATION:
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Depth(s) Groundwater Encountered 1. 173 ft. 2. 350 ft. 3. ft.

WELL'S STATIC WATER LEVEL 160 ft. below land surface measured on mo/day/yr 5-21-98

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

Est. Yield 10 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 10 in. to 455 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 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Cemetery 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded

2 PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter 5 in. to 415 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 18 in. weight lbs./ft. Wall thickness or gauge No. 265 SDR 21

6 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement

1 Steel 3 Stainless steel 5 Fiberglass 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: 5 Gauzed wrapped 8 Saw cut 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 415 ft. to 455 ft. From ft. to ft. From ft. to ft.

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

GRAVEL PACK INTERVALS: From 6 ft. to 220 ft. From 300 ft. to 455 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 ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well

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

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil & clay	176	180	Clay
30	100	Clay	180	194	Clay & little lime (hard)
100	105	Sand & clay	194	195	Lime Very very hard)
105	120	Lime (hard) & clay	195	202	Lime & Clay
120	127	Clay & little lime (hard)	202	210	Shale with rock
127	135	Sand & 1' Cemented Sand (hard)	210	240	Shale with rock
135	140	Cemented Sand (hard) & 1' Sand	240	270	Shale
140	147	Cemented Sand (very hard) & little sand	270 - 292		Shale with rock
147	148	Sand	292	294	Rock
148	154	Cemented sand (very very hard)	294	315	Shale
154	157	Sand	315	330	Shale & little rock
157	160	Cemented Sand (very very hard)	330	350	Shale
160	162	Sand	350	360	Sandstone & shale
162	173	Clay	360	375	Sandstone & Clay
173	176	Clay & Fine Sand	375	390	Sandstone & little 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) 5-21-98 and this record is true to the best of my knowledge and belief. Kansas

Water Well Contractor's License No. 223 This Water Well Record was completed on (mo/day/yr) 6-10-98

under the business name of Dunham Drilling inc. by (signature) Karen Dunham

390	405	Sandstone & Sand & little clay
405	420	Sandstone & clay
420	435	Sandstone
435	450	Sandstone & little shale
450	465	Shale

RECEIVED

JUN 15 1998

BUREAU OF WATER