

## WATER WELL RECORD

Form WWC-5

KSA 82a-1212

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Gray	NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$	31	T 28 S	R 30 EW

Distance and direction from nearest town or city? 1 1/2 North to 144 West 1 mile 1 Mile N 1/2 mile E of Copeland, KS Street address of well if located within city?

2 WATER WELL OWNER: Leonard Ward  
RR#, St. Address, Box #: Route 1 Box 6  
City, State, ZIP Code: Copeland, Kansas 67837

Board of Agriculture, Division of Water Resources  
Application Number: 10,223

3 DEPTH OF COMPLETED WELL: 330 ft. Bore Hole Diameter: 36 in. to 330 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 Observation well

Well's static water level: 159 ft. below land surface measured on January month 15th day 1981 year

Pump Test Data: Well water was 182 ft. after 2 hours pumping 1100 gpm

Est. Yield 1200 gpm: Well water was ft. after hours pumping gpm

4 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile Casing Joints: Glued Clamped

1 Steel 3 RMP (SR) 6 Asbestos-Cement Welded XX

2 PVC 4 ABS 7 Fiberglass Threaded

Blank casing dia: 16 in. to 330 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface: 12 in., weight lbs./ft. Wall thickness or gauge No: 219

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) Bridge

Screen-Perforation Dia: 16 in. to 80 ft., Dia in. to ft., Dia in. to ft.

Screen-Perforated Intervals: From: 250 ft. to 330 ft., From ft. to ft.

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

Gravel Pack Intervals: From: 10 ft. to 330 ft., From ft. to ft.

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

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grouted Intervals: From: 0 ft. to 10 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: None 10 Fuel storage 14 Abandoned water well

1 Septic tank 4 Cess pool 7 Sewage lagoon 11 Fertilizer storage 15 Oil well/Gas well

2 Sewer lines 5 Seepage pit 8 Feed yard 12 Insecticide storage 16 Other (specify below)

3 Lateral lines 6 Pit privy 9 Livestock pens 13 Watertight sewer lines

Direction from well: How many feet: ? Water Well Disinfected? Yes X No

Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample

was submitted month day year: Pump Installed? Yes No

If Yes: Pump Manufacturer's name: Layne Bowler Model No: 1961 HP: 120 Volts:

Depth of Pump Intake: 260 ft. Pumps Capacity rated at 1200 gal/min.

Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was

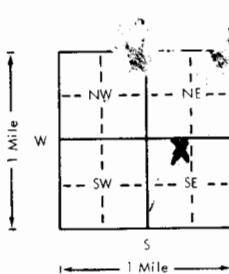
completed on: January month 25 day 1981 year

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: May month 25 day 1981 year under the business

name of: Dunham Drilling Company by (signature): Karen Dunham

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



FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	30	Clay	150	157	Sand
30	45	Clay, lime & sand	157	162	Clay
45	48	Sand	162	167	Sand
48	49	Cemented Sand	167	173	Clay & little cemented sand
49	75	Clay, little lime & Sand	173	174	Cemented Sand
75	90	Sand & little clay	174	180	Clay & little cemented sand
90	105	Sand, clay & little lime	180	195	Clay yellow & blue
105	120	Sand, clay & lime	195	204	Clay blue
120	124	Sand	204	208	Sand, lime & clay
124	138	Clay	208	213	Sand & cemented sand
138	150	Sand & some clay	213	225	Sand & little CS & clay

Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft. 4 ft. (Use a second sheet if needed)

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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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1 LOCATION OF WATER WELL		Fraction			Section Number	Township Number	Range Number
County:		1/4	1/4	1/4	T	S	R
Distance and direction from nearest town or city?			Street address of well if located within city?				

## 2 WATER WELL OWNER:

RR#, St. Address, Box # : Board of Agriculture, Division of Water Resources  
Application Number:

City, State, ZIP Code :

3 DEPTH OF COMPLETED WELL ft. Bore Hole Diameter in. to 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 Observation well

Well's static water level ft. below land surface measured on month day year

Pump Test Data Well water was ft. after hours pumping gpm

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

4 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)

Welded

2 PVC 4 ABS

7 Fiberglass

Threaded

Blank casing dia in. to ft., Dia in. to ft., Dia in. to ft.

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

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

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What is the nearest source of possible contamination: 10 Fuel storage 14 Abandoned water well

1 Septic tank

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7 Sewage lagoon

11 Fertilizer storage

15 Oil well/Gas well

2 Sewer lines

5 Seepage pit

8 Feed yard

12 Insecticide storage

16 Other (specify below)

3 Lateral lines

6 Pit privy

9 Livestock pens

13 Watertight sewer lines

Direction from well How many feet? Water Well Disinfected? Yes No

Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample

was submitted month day year: Pump Installed? Yes No

If Yes: Pump Manufacturer's name Model No. HP Volts

Depth of Pump Intake ft. Pumps Capacity rated at gal./min.

Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was

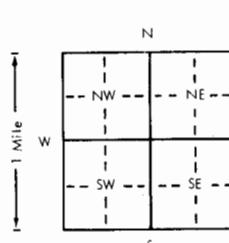
completed on month day year

and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No.

This Water Well Record was completed on month day year under the business

name of by (signature)

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



FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
225	255	Sand	345	360	Sand & Clay
255	270	Sand & little cemented sand	360	363	Clay & Lime
270	283	Sand	363	371	Sand & Clay
283	285	Clay	371	375	Clay & Lime
285	293	Clay, lime and cem. sand			
293	319	Sand			
319	320	Cemented Sand			
320	324	Clay and cemented sand			
324	328	Clay			
328	330	Sand			
330	345	Clay & Sand			

ELEVATION: Depth(s) Groundwater Encountered ft. ft. ft. ft. (Use a second sheet if needed)

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