

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County:	Morton	NE 1/4	NW 1/4	SW 1/4	33	T 34	S	R 39	E/W

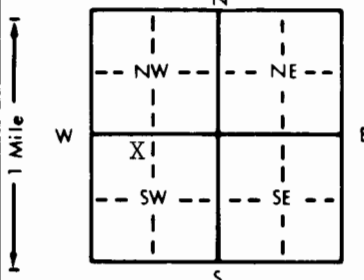
Distance and direction from nearest town or city street address of well if located within city?
From Rolla - 5½ miles south, 4 miles east, 2,602 ft. north & 4,572 ft. west

2	WATER WELL OWNER:	Boyd Johnson	
	RR#, St. Address, Box # :	HC02, Box 48	Board of Agriculture, Division of Water Resources
	City, State, ZIP Code :	Rolla, Kansas 67954	Application Number: 42,584

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

4 DEPTH OF COMPLETED WELL..... 515 **ft. ELEVATION:**

Depth(s) Groundwater Encountered 1 ft 2 ft 3 ft.



4 DEPTH OF COMPLETED WELL 515 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 200 ft. below land surface measured on mo/day/yr 12-12-97
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 30 in. to 515 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
 Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was sub-
 mitted Water Well Disinfected? Yes No X

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)	Welded X
2 PVC	4 ABS	7 Fiberglass		Threaded

Blank casing diameter . . . 16 . . . in. to . . . 280 . . . ft., Dia . . . in. to . . . ft., Dia . . . in. to . . . ft.
Casing height above land surface . . . 12 . . . in. weight . . . 42.05 . . . lbs./ft. Wall thickness or gauge No. . . 250

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)	

SCREEN-PERFORATED INTERVALS:	From	280	ft. to	515	ft. From	ft. to	ft.
	From		ft. to		ft. From	ft. to	ft.
GRAVEL PACK INTERVALS:	From	20	ft. to	515	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 ft. to 20 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	13 Insecticide storage	na	

Direction from well?			How many feet?		
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS

[illegible]

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) 12/16/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 208 This Water Well Record was completed on (mo/day/yr) 12/17/97 under the business name of Minter-Wilson Drilling Co., Inc. by (signature) *Nora Keller*

Phone 276-8269

P.O. Box A

GARDEN CITY, KANSAS 67846

Boyd Johnson
Morton County
1/20/97

Location: SW $\frac{1}{4}$ 33-34-39

- 01 0' to 200' - Surface clay and sand
200' to 220' - Fine to medium sand with occasional brown clay stringers & streaks "fairly loose"
220' to 240' - Fine to medium sand with a trace of coarse sand "fairly loose"
240' to 260' - Fine to medium sand "fairly loose" with occasional brown clay streaks and blue clay strip
07 260' to 280' - Fine to medium sand with occasional blue clay streaks "fairly loose"
08 280' to 290' - Medium coarse sand and fine gravel "fairly loose"
01 290' to 300' - Brown clay with occasional sandy streaks "soft"
07 300' to 304' - Fine sand with brown clay stringers "fairly loose"
304' to 320' - Brown clay with occasional sandy streaks "soft"
320' to 340' - Brown clay with occasional sandy streaks "soft"
01 340' to 360' - Brown clay with occasional fine sand strips "soft"
04 360' to 380' - Fine sand with lots of brown clay stringers & scattered streaks "soft"
07 380' to 400' - Fine sand with lots of brown clay stringers & scattered streaks "firm to fairly loose"
04 400' to 420' - Fine sand with occasional brown clay stringers & streaks "firm to fairly loose"
05 420' to 440' - Fine sand with a trace of medium sand & occasional brown & light colored clay stringers & streaks "fairly loose"
04 440' to 460' - Fine sand with a trace of medium sand & occasional brown clay stringers & streaks "fairly loose"
07 460' to 480' - Fine sand with occasional brown clay stringers & streaks "fairly loose" & a trace of medium sand
05 480' to 500' - Fine to medium sand with occasional yellow clay stringers & streaks "fairly loose"
07 500' to 511' - Fine sand with occasional light colored clay streaks "firm to fairly loose"
511' to 520' - Blue & brown clay "soft & sticky"
01 520' to 540' - Brown & blue clay "soft & sticky"