

1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 SE 1/4 Section Number 3 Township Number T 31 S Range Number R 39 E/W

Distance and direction from nearest town or city street address of well if located within city?  
13 miles south...1 mile west of Big Bow, Ks.

2 WATER WELL OWNER: Vincent Youngren  
RR#, St. Address, Box #: 1200 S. Monroe  
City, State, ZIP Code: Hugoton, Ks. 67951  
Board of Agriculture, Division of Water Resources  
Application Number: 1318

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram of a 36-acre section divided into four 9-acre quadrants (NW, NE, SW, SE). A small 'p' is marked in the SE quadrant.]

4 DEPTH OF COMPLETED WELL: 359 ft. ELEVATION: slope ft.  
Depth(s) Groundwater Encountered 160 ft. 160 ft. 2. slope ft. 3. ft.  
WELL'S STATIC WATER LEVEL 160 ft. below land surface measured on mo/day/yr 8/1/84  
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 26 in. to 359 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  
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted  
Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued 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 16 in. to 159 ft., Dia in. to ft., Dia in. to ft.  
Casing height above land surface 18 in., weight 36.85 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)

SCREEN-PERFORATED INTERVALS: From 159 ft. to 359 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 10 ft. to 359 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 10 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

Direction from well? 440 feet north How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface	285	303	Clay w/ medium to coarse sand strips
2	30	Clay	303	320	Medium to coarse sand w/clay breakers
30	36	Medium sand	320	330	Sandy clay
36	106	Clay	330	355	Yellow chalk and sand rock
106	110	Coarse sand	355	360	Blue shale
110	152	Sandy clay w/fine to medium sand			
152	186	Coarse sand			
186	203	Clay			
203	215	Medium sand w/small clay breakers			
215	220	Clay and rock			
220	228	Medium to coarse sand			
228	244	Sancy clay and fine sand			
244	251	Clay and rock			
251	285	Fine to medium sand w/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) August 1, 1984 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 164 This Water Well Record was completed on (mo/day/yr) August 17, 1985 under the business name of Houck Bros. Drilling Co. by (signature) M. Beard

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, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

T 31

R 39

E/W

SEC. 3

NW 1/4

SW 1/4

SE 1/4

NE 1/4