

1 LOCATION OF WATER WELL	Fraction SW ¼ SW ¼ NW ¼	Section Number 34	Township Number T 27 S	Range Number R 35 EW
County: Grant				

Distance and direction from nearest town or city? **1 mile north, 12 east, 4½ north of 4-way stop at Ulysses, Ks.** Street address of well if located within city?

2 WATER WELL OWNER: **Howard Nichols**
 RR#, St. Address, Box #: **RFD#1 Ulysses, Ks. 67880**
 City, State, ZIP Code: **Ulysses, Ks. 67880**
 Board of Agriculture, Division of Water Resources
 Application Number: **8716**

3 DEPTH OF COMPLETED WELL: ~~246~~ **471.3** Bore Hole Diameter: **26** in. to **471.3** ft., and in. to ft.

Well Water to be used as:

1 Domestic	3 Feedlot	6 Oil field water supply	9 Dewatering	11 Injection well
2 Irrigation	4 Industrial	7 Lawn and garden only	10 Observation well	12 Other (Specify below)

Well's static water level: **246** ft. below land surface measured on **Jan** month **13** day **1981** year

Pump Test Data: Well water was **330** ft. after **33.4** hours pumping **1125** gpm

Est. Yield **1350** gpm: Well water was ft. after hours pumping gpm

4 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	Casing Joints: Glued Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded X
		240.19 Fiberglass		Threaded

Blank casing dia: **16** in. to **471.3** ft., Dia: in. to ft., Dia: in. to ft.

Casing height above land surface: **18** in., weight **36.86** lbs./ft. Wall thickness or gauge No. **.219**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement	11 Other (specify)
2 Brass	4 Galvanized steel	6 Concrete tile	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-Perforation Dia: **16** in. to **471.3** ft., Dia: in. to ft., Dia: in. to ft.

Screen-Perforated Intervals: From **240.10** ft. to **471.3** ft., From ft. to ft., From ft. to ft.

Gravel Pack Intervals: From **10** ft. to **471.3** 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:

1 Septic tank	4 Cess pool	7 Sewage lagoon	11 Fertilizer storage	14 Abandoned water well
2 Sewer lines	5 Seepage pit	8 Feed yard	12 Insecticide storage	15 Oil well/Gas well
3 Lateral lines	6 Pit privy	9 Livestock pens	13 Watertight sewer lines	16 Other (specify below)

Direction from well: **east** How many feet: **300** ? Water Well Disinfected? Yes **X** No

Was a chemical/bacteriological sample submitted to Department? Yes No **X** If yes, date sample was submitted month day year: Pump Installed? Yes No **X**

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 **Jan** month **21** day **1981** year 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 **June** month **18** day **1981** year under the business name of **Houck Bros. Drilling Co.** by (signature) *Medlin Beard*

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		0	2	Surface	395	403
	2	40	Brown clay	403	430	Sandy clay w/fine sand
	40	103	Brown clay w/lime shells and fine sand			
	103	150	Medium to coarse sand w/clay breakers			
	150	185	Brown clay	430	454	Yellow chalk, brown & gr shale
	185	210	Coarse sand & gravel			
	210	230	Medium to coarse sand w/clay breakers			
	230	290	Coarse sand w/small cemented strips			
	290	315	Medium sand w/clay breakers			
	315	340	Sandy clay	454	458	Sandstone
	340	395	Medium sand w/some clay breakers			

ELEVATION: **slope**

Depth(s) Groundwater Encountered 1. **246** ft. 2. ft. 3. ft. 4. **458** **473** (Use a second sheet if needed) **Brown shale w/sandstone**

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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