

1 LOCATION OF WATER WELL: County: <u>Grant</u>	Fraction <u>SW 1/4 SE 1/4 SW 1/4</u>	Section Number <u>28</u>	Township Number <u>T 29 S</u>	Range Number <u>R 38 E/W</u>
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Distance and direction from nearest town or city street address of well if located within city?
Approximately 6 west & 6 miles south of Ulysses, Ks.

2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code	<u>Grant County Feeders</u> <u>P. O. Box 447</u> <u>Ulysses, Ks. 67880</u>	Board of Agriculture, Division of Water Resources Application Number: <u>38,226</u>
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>515</u> ft. ELEVATION:
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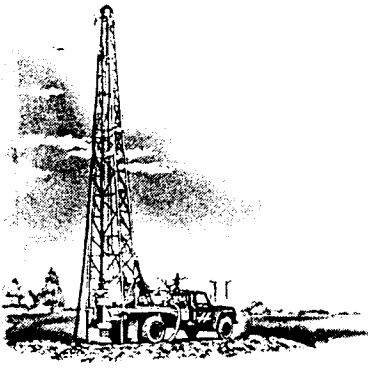
Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL ... 300 ft. below land surface measured on mo/day/yr 7-17-90
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield ... 100 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter. 1 7/8 in. to 515 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 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 submitted _____
 Water Well Disinfected? Yes _____ No X

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>X</u> Clamped _____
1 Steel	3 RMP (SR)	9 Other (specify below)	Welded _____
2 PVC	4 ABS		Threaded _____
Blank casing diameter . . . <u>8 5/8</u> in. to <u>515</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.	6 Asbestos-Cement		
Casing height above land surface . . . <u>12</u> in., weight _____ lbs./ft. Wall thickness or gauge No. . . <u>410</u>	7 Fiberglass		
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	8 RMP (SR)	11 Other (specify) _____
2 Brass	4 Galvanized steel	9 ABS	12 None used (open hole)
5 Fiberglass	6 Concrete tile		
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	6 Wire wrapped	9 Drilled holes	
2 Louvered shutter	7 Torch cut	10 Other (specify) _____	
3 Mill slot			
4 Key punched			
SCREEN-PERFORATED INTERVALS: From _____ 393 _____ ft. to _____ 515 _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From _____ 25 _____ ft. to _____ 515 _____ 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 _____ 5 _____ ft. to _____ 25 _____ 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	None observed _____
Direction from well?			How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See attached log			

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) <u>7-12-90</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u> . This Water Well Record was completed on (mo/day/yr) <u>July 31, 1990</u> under the business name of <u>Henkle Drilling & Supply Co., Inc.</u> by (signature) <u>Bruce R. Schmidt</u>
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Henkle

DRILLING & SUPPLY CO., INC.

3795 W. JONES AVE.
316/277-2389
FAX/277-0224

P.O. Box 639
GARDEN CITY, KANSAS 67846

CUSTOMER'S NAME Grant County Feeders DATE 7-6-90
 STREET ADDRESS Box 447 TEST # 1 E. LOG Yes
 CITY & STATE Ulysses, Ks. 67880 DRILLER Shelden
 COUNTY Grant QUARTER SW SECTION 28 TOWNSHIP 29 RANGE 38

LOCATION 75' south of old well

Well location

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>173'</u>	
	From	Pay	To		Proposed Well Depth: <u>513'</u>	
	0		2	Top soil		
	2		23	Brown sandy clay		
	23		47	Fine sand to medium some coarse		
	47		83	Brown clay		
	83		180	Brown sandy clay with some small sand strips		
50	180	25	205	Sand fine to medium coarse		
	205		211	Brown sandy clay & fine sand streaks		
45	211	31	242	Sand fine to medium coarse with small clay strip from 230' - 232'		
	242		270	Brown sandy clay & lime rock ledges		
50	270	18	288	Sand fine to medium coarse with some clay strips & few small gravel		
	288		306	Brown sandy clay		
60	306	14	320	Sand fine with medium coarse some small gravel		
	320		377	Brown sandy clay & fine sand streaks		
40	377	53	430	Sand fine to medium with lots clay streaks cemented		
65	430	12	442	Sand fine to medium coarse small brown rock		
50	442	11	453	Sand fine to medium coarse small to medium brown rock drilled tight		
55	453	34	487	Sand fine to medium coarse some small brown rock		
	487		513	Soap stone & some very small sand stone streaks		
	513		522	Red bed		
				Well depth = 513'		
				Set up south east with pit on west. Move big rig 4' east		
				1 - 50 lb. Bag Quick Gel		
				1 - Perma plug		
				1 - 50 lb. Bag Hole Plug		