

1 LOCATION OF WATER WELL: County: <u>Trego</u>	Fraction SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$	Section Number <u>15</u>	Township Number T <u>15</u> S	Range Number R <u>24</u> EW
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Distance and direction from nearest town or city street address of well if located within city?
Approx. 3 miles east and 6 miles north of Arnold, Kansas

2 WATER WELL OWNER: William Montgomery
 RR#, St. Address, Box # : Ransom, Kansas 67572 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : _____ Application Number: _____

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>617</u> ft. ELEVATION: _____
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Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL .137 ft. below land surface measured on mo/day/yr .5/11/83
 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 9.7/8 in. to .617 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 X No _____

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>X</u> Clamped _____
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded _____
Blank casing diameter <u>5</u> in. to <u>617</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.	7 Fiberglass			Threaded _____
Casing height above land surface <u>12</u> in., weight <u>2.9</u> lbs./ft. Wall thickness or gauge No. <u>265</u>				

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify) _____
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	
SCREEN-PERFORATED INTERVALS:				
From <u>365-375</u> ft. to <u>395-415</u> ft., From <u>.520-560</u> ft. to <u>.580-617</u> ft.				
GRAVEL PACK INTERVALS:				
From <u>10</u> ft. to <u>617</u> 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:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
			13 Insecticide storage	

Direction from well? south west How many feet? 120

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See Attached			

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) May 10, 1983 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145. This Water Well Record was completed on (mo/day/yr) May 17, 1983 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Henkel Z. Ostrum

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.

DRILLER'S TEST LOG

CUSTOMERS NAME William Montgomery DATE 5-10-83
 STREET ADDRESS _____ TEST # 1 E. LOG Yes
 CITY & STATE Ransom, Kansas 67572 DRILLER MEJ
 COUNTY Trego QUARTER SW SECTION 15 TOWNSHIP 15 RANGE 24

LOCATION _____ WELL LOCATION _____

#	Footage		DESCRIPTION OF STRATA	Static Water Level	
	From	Pay To		Proposed	Well Depth
	0	2	Top Soil		
	2	8	Brown clay		01
	8	14	Yellow soapstone		19
	19	40	Blue shale		19
	40	130	Gray, shale few firm ledges sticky from 100'		19
	130	265	Blue - shale - tight - sticky		19
	265	325	Shale & hard ledges		19
	325	365	Shale & few hard ledges		19
10	365	25	390	Sandy shale & sandstone, hard ledges	19
15	390	28	418	Hard shale sandstone & limestone ledges - hard in places	23
	418		430	Shale	19
	430		450	Hard shale & sandstone	19
	450		490	Hard shale & sandstone stks, sticky in places	19
	490		527	Shale - loose & sticky	19
20	527	31	558	Dakota sandstone- tight in places	23
	558		568	Shale - sticky	19
10	568	29	597	Sandstone & shale tight & sticky in places	23
25	597	18	615	Sandstone	23
	615		622	Red clay - sticky	01
	622		640	Shale	19
Total depth 617'					
5" Plastic #80					
				Perf.	Plain
			617 - 580	37'	
			580 - 560		20'
			560 - 520	40'	
			520 - 415		105'
			415 - 395	20'	
			395 - 375		20'
			375 - 365	10'	
			365 - 0+1		366'
			TOTAL	107'	366'