

1 LOCATION OF WATER WELL: County: Meade	Fraction SW ¼ SE ¼ NE ¼	Section Number 12	Township Number T 30 S	Range Number R 29 EW
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Distance and direction from nearest town or city street address of well if located within city?
Approximately 9 miles North of Missler, Ks.

2 WATER WELL OWNER: Scott Koehn
 RR#, St. Address, Box #: Route 1
 City, State, ZIP Code: Montezuma, Ks. 67867
 Board of Agriculture, Division of Water Resources
 Application Number: 39,525

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

N	1	2	3
4	NW	NE	
		X	
W	5	6	E
	SW	SE	
			S

4 DEPTH OF COMPLETED WELL: 373 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 173 ft. below land surface measured on mo/day/yr 12-8-89
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 1700 gpm: Well water was 196 ft. after 4 hours pumping 1700 gpm
 Bore Hole Diameter 24 in. to 373 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 submitted _____
 Water Well Disinfected? Yes _____ No X

5 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 _____
 7 Fiberglass _____ Threaded _____
 Blank casing diameter 16 in. to 373 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. .250W

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 353 ft. to 373 ft., From _____ ft. to _____ ft.
 From 258 ft. to 338 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 373 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:
 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 None observed _____
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See log 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) 12-7-89 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) 12-15-89 under the business name of Henkle Drilling & Supply Company, Inc. by (signature) *Bruce J. Reichardt*

OFFICE USE ONLY T R EW SEC.

DRILLERS TEST LOG

CUSTOMER'S NAME: Scott Koehn DATE: 5/30/89
 STREET ADDRESS: Route 1 TEST # 1 E. LOG Yes
 CITY & STATE: Montezuma, Ks. 67867 DRILLER Wildeman
 COUNTY Meade QUARTER NE SECTION 12 TOWNSHIP 30 RANGE 29

LOCATION 712' from the Southeast corner of the Northeast 1/4. 30' North of the property line. WELL LOCATION

Z	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>165'</u>
	From	Pay	TO		Proposed Well Depth:
	0		2	Top soil.	
	2		21	Brown clay.	
	21		35	Brown sandy clay & few fine sand streaks.	
	35		55	Brown clay & Gyp.	
	55		59	Sand fine.	
	59		70	Brown sandy clay, Limerock (firm).	
	70		80	Sand fine & few clay streaks.	
	80		85	Brown sandy clay.	
	85		91	Sand fine & brown sandy clay.	
	91		101	Sand fine to medium.	
	101		111	Sand fine to medium coarse & few small gravel.	
	111		121	Brown sandy clay, Limerock & few sand streaks.	
	121		160	Sand fine to medium coarse. Small to medium gravel. Cemented & few clay streaks.	
	160		199	Sand fine to medium coarse. Small to medium gravel & few large.	
	199		208	Brown sandy clay.	
70	208	32	240	Sand fine to medium coarse. Small to medium gravel & very few clay streaks (drilled rough & loose in places).	
70	240	20	260	Sand fine to medium coarse. Small to medium gravel, few large gravel & very few clay streaks. (Used little water).	
60	260	20	280	Sand fine to medium coarse. (used a little water).	
65	280	58	338	Sand fine to medium coarse & few small gravel (used water).	
	338		358	Brown clay & Limerock ledges & few sand streaks.	
65	358	12	370	Sand fine to medium coarse & few small gravel.	
	370		402	Brown sandy clay. Cemented & limerock ledges.	
15	402	33	435	Brown sandy clay, fine sand. Cemented & few limerock ledges	
20	435	15	450	Brown rock, sandstone & light green clay & yellow clay.	
	450		462	Yellow clay or soapstone.	
	462		480	Shale.	
				TD = 453 373'	
				Jed "A"	
				Set up East	
				Pit on South	
				1 - set of 4 3/4" Drag Blades	
				1 - sack of Hole plug	
				1 - Perma plug	
				4 - bags of Quick Gel	

GARDEN CITY, KS 67846
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.

316-277-2389

IRRIGATION HEADQUARTERS

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS