

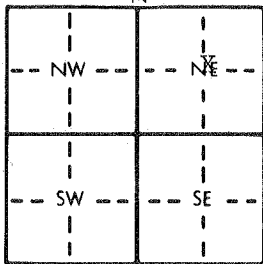
LOCATION OF WATER WELL:	Fraction	Near Center	Section Number	Township Number	Range Number
County: Thomas	1/4	1/4 NE 1/4	31	T 7 S	R 31 E/W

Distance and direction from nearest town or city street address of well if located within city?

From Gem, Ks. 3 1/2 ~~South~~ East and 1 1/2 south

WATER WELL OWNER: Ron Higerd	Board of Agriculture, Division of Water Resources
R#, St. Address, Box #: Rt. 1	Application Number: 36,847
City, State, ZIP Code: Colby, Kansas 67701	

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	DEPTH OF COMPLETED WELL: 237 ft. ELEVATION: 3020
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Depth(s) Groundwater Encountered 1. 80 ft. 2. ft. 3. ft.	WELL'S STATIC WATER LEVEL 80 ft. below land surface measured on mo/day/yr 3-8-84
Pump test data: Well water was 135 ft. after 2 hours pumping 1218 gpm	Est. Yield 2000 gpm: Well water was 121 ft. after 2 hours pumping 625 gpm
Bore Hole Diameter 28 in. to 237 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	

TYPE OF BLANK CASING USED:	5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
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 147 ft., Dia. in. to ft., Dia. in. to ft.	Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No. 188
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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 147 ft. to 227 W. A. Brown ft. to ft.
From 227 ft. to 237 Cook ft. to ft.	
GRAVEL PACK INTERVALS:	From 10 ft. to 237 ft. to ft.
From ft. to ft. to ft. to ft.	

GROUT MATERIAL:	1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 10 ft. From ft. to ft. to 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? Southwest	How many feet? 4,000

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Top Soil	200	233	Coarse gravel
2	86	Clay and sandy clay	233	260	Ochre and Shale
86	98	Coarse sand to coarse gravel - clay streaks			
98	106	Sandstone and sandy clay			
106	117	Coarse sand to coarse gravel - Clay streaks			
117	121	Mag and clay			
121	124	Fine to med. gravel			
124	125	Sandstone streaks			
125	137	Med. to coarse sand - some fine gravel			
137	164	Coarse sand to coarse gravel			
164	175	Coarse sand with sandstone and clay			
175	178	Coarse sand to med gravel			
178	184	Sandstone and cemented gravel			
184	188	Med sand and clay streaks			
188	200	Coarse gravel - small rocks			

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) 3-7-84 and this record is true to the best of my knowledge and belief. Kansas
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Water Well Contractor's License No. 245 This Water Well Record was completed on (mo/day/yr) 3-17-84

Under the business name of Western Well & Pump, Inc. by (signature) Roy F. Sena

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.