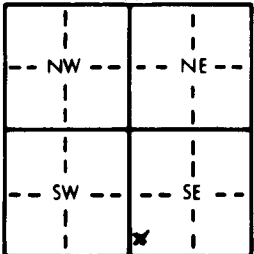


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SE 1/4 Section Number 19 Township Number T 32 S Range Number R 34 EW
 County: Seward

Distance and direction from nearest town or city street address of well if located within city?
@ Jct Hwy 83 & 51 North of Liberal - 7 mi West on 51 - 5 mi North - 1/2 West & North ->

2 WATER WELL OWNER: Chris Sardaval
 RR#, St. Address, Box #: RR 1 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Moscow, Mo. 67952 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 402 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 305 ft. below land surface measured on mo/day/yr 6-23-00
 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: 12 1/4 in. to 9 1/4 in. and 9 1/4 in. to 402 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 X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 2.56 in. to 320 ft. Dia 2.56 in. to 360 ft. Dia in. to ft.
 Casing height above land surface: 30 in., weight 200 lbs./ft. Wall thickness or gauge No. SDR-21
 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 032 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 320 ft. to 340 ft., From 360 ft. to 400 ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 310 ft. to 400 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 4 ft. to 23 1/2 ft., From 305 ft. to 310 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Topsoil	400	402	Black Clay
4	23	Tan & Brown Clay			
23	64	Tan Sandy Clay			
64	72	Fine Sand & Sandstone			
72	94	Pink & Red Sandy Clay			
94	115	Brown Clay			
115	134	Tan Sandy Clay & fine sand			
134	169	Tan & Yellow Clay			
169	232	Sand & Medium gravel			
232	294	Brown & Yellow Clay			
294	308	Tan Sandy Clay & medium sand			
308	325	Brown, Yellow, Grey & Black Clay			
325	375	Brown Clay & medium sand streaks			
375	400	Med-Coarse sand & Tan Sandy Clay streaks			

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) 6-23-00 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 6000 This Water Well Record was completed on (mo/day/yr) 6-30-00 under the business name of Cramer Drilling Co. by (signature) Ray Cramer