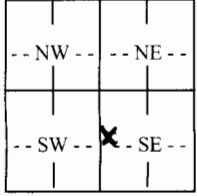


WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Seward</u>	Fraction <u>SW 1/4 NW 1/4 SE 1/4</u>	Section Number <u>14</u>	Township Number <u>T 34 S</u>	Range Number <u>R 33 E</u>
Distance and direction from nearest town or city street address of well if located within city? <u>Liberal: N on Hwy 83 to 3 Mi. Rd 2.5 E on Salley Rd to rock entrance on N side .4 N 230'</u>		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____ Elevation: _____ Datum: _____ Data Collection Method: _____		
2 WATER WELL OWNER: RR#, St. Address, Box # : <u>Dr. Curtis Miller</u> <u>1120 S. Sherman Ave.</u> City, State, ZIP Code : <u>Liberal, Ks 67901</u>				

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N  S	4 DEPTH OF COMPLETED WELL <u>460</u> ft. Depth(s) Groundwater Encountered (1)..... <u>185</u> ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>185</u> ft. below land surface measured on mo/day/yr. <u>8-26-07</u> Pump test data: Well water was... <u>380</u> ...ft. after..... <u>1</u> hours pumping..... <u>50</u> gpm Est. Yield. <u>50</u> gpm: Well water was.....ft. after..... hours pumping..... gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well <input checked="" type="checkbox"/> 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) <input type="checkbox"/> 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No .. <input checked="" type="checkbox"/>; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes ... <input checked="" type="checkbox"/> ... No
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5 TYPE OF CASING USED: <input checked="" type="checkbox"/> 1 Steel 3 RMP (SR) <input checked="" type="checkbox"/> 2 PVC 4 ABS	5 Wrought Iron 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass	CASING JOINTS: Glued... <input checked="" type="checkbox"/> ... Clamped..... Welded..... Threaded.....
Blank casing diameter <u>5</u> in. to <u>460</u> ft., Diameter..... in. to ft., Diameter..... in. to ft. Casing height above land surface..... <u>24</u> in., Weight... <u>3,706</u>lbs./ft. Wall thickness or gauge No. <u>SDR 21,316</u>		
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <input checked="" type="checkbox"/> 7 PVC 9 ABS 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)		
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped <input checked="" type="checkbox"/> 8 Saw Cut 10 Other (specify)		
SCREEN-PERFORATED INTERVALS: From..... <u>440</u> ft. to <u>460</u> ft., From..... ft. to ft. From..... ft. to ft., From..... ft. to ft.		
GRAVEL PACK INTERVALS: From..... <u>260</u> ft. to <u>460</u> ft., From..... ft. to ft. From..... ft. to ft., From..... ft. to ft.		

6 GROUT MATERIAL: <input checked="" type="checkbox"/> 1 Neat cement 2 Cement grout 3 Bentonite <input checked="" type="checkbox"/> 4 Other <u>hole plug</u>	Grout Intervals: From <u>1</u> ft. to <u>25</u> 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 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well	
Direction from well? How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Surface	237	260	Sand
4	18	Sandy clay	260	280	Sandy clay and clay
18	36	Clay	280	320	Clay and sandy clay "blue"
36	67	Sandy clay	320	340	Sand and clay streaks
67	144	Clay and sandy clay	340	351	Sandy clay
144	162	Sand	351	363	Sand and clay streaks
162	175	Clay	363	384	Sand "course"
175	215	Sand	384	410	Sandy clay and clay
215	221	Sand and clay streaks	410	426	Sand and sandy clay
221	237	Clay	426	455	Sand 455-460 Clay

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) 8-26-07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWCL 430 This Water Well Record was completed on (mo/day/year) 8-26-07 under the business name of Howard Drilling Box 806 Beaver, Okla (Signature) Richard

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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdhe.state.ks.us/geo/waterwells>.