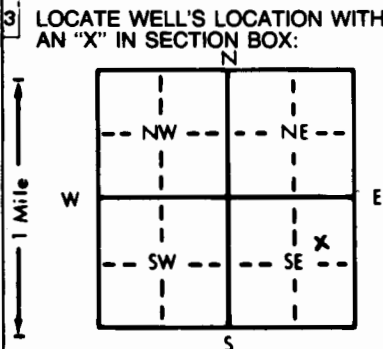


1 LOCATION OF WATER WELL: Fraction SW 1/4 NE 1/4 SE 1/4 Section Number 3 Township Number T 32 S Range Number R 33W EW  
 County: Seward

Distance and direction from nearest town or city street address of well if located within city? Liberal, Kansas - 16 miles North - 1 3/4 miles East - North into location

2 WATER WELL OWNER: Citizen State Bank Harris Oil & Gas / Murfin Drilling  
 RR#, St. Address, Box #: Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Liberal, Kansas Application Number: T 88-403



4 DEPTH OF COMPLETED WELL: 360' ft. ELEVATION: ... ft.  
 Depth(s) Groundwater Encountered 1. 126' ft. 2. ... ft. 3. ... ft.  
 WELL'S STATIC WATER LEVEL 126' ft. below land surface measured on mo/day/yr 08/12/88  
 Pump test data: Well water was 130' ft. after 1 hours pumping 100 gpm  
 Est. Yield 100 gpm: Well water was ... ft. after ... hours pumping ... gpm  
 Bore Hole Diameter 9 in. to 360' ft., and ... in. to ... ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot 6 Oilfield 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 ... Clamped ...  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded ...  
 7 Fiberglass Threaded ...  
 Blank casing diameter 5.563 in. to 240' ft. Dia ... in. to ... ft. Dia ... in. to ... ft.  
 Casing height above land surface 28 in., weight 2.93 lbs./ft. Wall thickness or gauge No. 265  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) ...  
 2 Brass 4 Galvanized steel 6 Concrete tile 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 240' ft. to 360' ft., From ... ft. to ... ft.  
 GRAVEL PACK INTERVALS: From 24 ft. to 85 ft., From 95 ft. to 360 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ...  
 Grout intervals: From 2 ft. to 4 ft., From 4 ft. to 24 ft., From 85 ft. to 95 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? Northeast How many feet? 200'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface			
2	16	Clay			
16	105	Sandy Clay			
105	116	Med. to large sand			
116	127	Sandy Clay			
127	218	70% Med. to large sand - 30% Gravel			
218	283	5% Clay - 95% Med. to large sand			
283	360	15% Clay - 85% Med. to large sand			

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) 08/12/88 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 118 This Water Well Record was completed on (mo/day/yr) 08/16/88  
 under the business name of Carlile Water Well Service, Inc. by (signature)

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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.