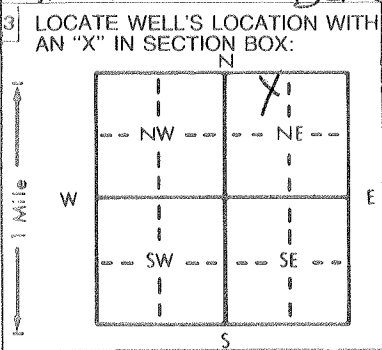


2411104 mw-4

1 LOCATION OF WATER WELL: County: <u>Creary</u>	Fraction <u>NE 1/4 NW 1/4 NE 1/4</u>	Section Number <u>11</u>	Township Number <u>T 12 S</u>	Range Number <u>R 5 W</u>
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Distance and direction from nearest town or city street address of well if located within city?
57'S, 70'E of SE corner of Total Building

2 WATER WELL OWNER: <u>Total Petroleum</u> RR#, St. Address, Box #: <u>999 18th St. Suite 2201</u> City, State, ZIP Code: <u>Denver, CO 80202</u>	Board of Agriculture, Division of Water Resources Application Number: <u>1119.12700</u>
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4 DEPTH OF COMPLETED WELL: <u>45.0</u> ft. ELEVATION: <u>1119.12700</u>
Depth(s) Groundwater Encountered 1. <u>38.0</u> ft. 2. _____ ft. 3. _____ ft.
WELL'S STATIC WATER LEVEL: <u>37.08</u> ft. below land surface measured on mo/day/yr <u>4/29/97</u>
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: <u>8</u> in. to _____ 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 <u>10 Monitoring well</u>
Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr sample was submitted _____
Water Well Disinfected? Yes _____ No <u>X</u>

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) <u>2 PVC</u> 4 ABS Blank casing diameter <u>2</u> in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface: <u>flush</u> in., weight <u>0.703</u> lbs./ft. Wall thickness or gauge No. <u>Sch 40</u>	5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass _____ <u>Threaded flush</u>
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 10 Asbestos-cement 11 Other (specify) _____ 12 None used (open hole)	SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot <u>3 Mill slot</u> 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) _____
SCREEN-PERFORATED INTERVALS: From <u>30</u> ft. to <u>45</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.	
GRAVEL PACK INTERVALS: From <u>27</u> ft. to <u>45</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.	

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other _____
Grout Intervals: From <u>1</u> ft. to <u>27</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 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	1	Topsoil			
1	2	Clay fill			
2	12	Clay			
12	45	Sand, v-f-m grained			

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) 6/5/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 531 This Water Well Record was completed on (mo/day/yr) 6/6/97 under the business name of CSI by (signature) Allison M. Swin