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MW-7

WATER WELL RECORD Form WWC-5 KSA 82a-1212

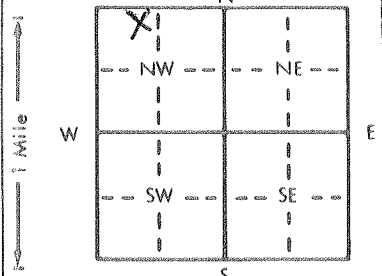
1 LOCATION OF WATER WELL: County: <u>Geary</u>	Fraction <u>NW 1/4 NW 1/4 NE 1/4</u>	Section Number <u>11</u>	Township Number <u>T 12 S</u>	Range Number <u>R 5 E</u>
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Distance and direction from nearest town or city street address of well if located within city?
24'N, 24'W of NW corner of Total Building

2 WATER WELL OWNER: Total Petroleum
 RR#, St. Address, Box #: 999 18th St, Suite 2201
 City, State, ZIP Code: Denver, CO 80202

Board of Agriculture, Division of Water Resources
 Application Number: 4/29/97

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



4 DEPTH OF COMPLETED WELL: 45.5 ft. ELEVATION: 1119.64 TOC

Depth(s) Groundwater Encountered 1. 37.0 ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL 37.21 ft. below land surface measured on mo/day/yr 4/29/97

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: 8 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		<u>10 Monitoring well</u>

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

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
<u>2 PVC</u>	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded _____
		7 Fiberglass		<u>Threaded flush</u>

Blank casing diameter 2 in. to _____ ft, Dia _____ in. to _____ ft, Dia _____ in. to _____ ft.

Casing height above land surface: flush in., weight 0.703 lbs./ft. Wall thickness or gauge No. sch 40

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify)
				12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	<u>3 Mill slot</u>	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 30.5 ft. to 45.5 ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 28 ft. to 45.5 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____

Grout Intervals: From 1 ft. to 28 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	0.5	Asphalt			
0.5	2.5	Topsoil / fill			
2.5	18.5	Clay			
18.5	45.5	Sand, v.f 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/year) 6/6/97 under the business name of GSI by (signature) Allison M. Jones