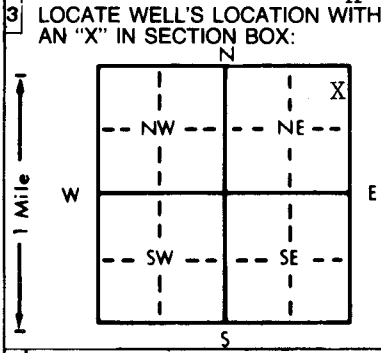


1] LOCATION OF WATER WELL: County: Stafford	Fraction NE 1/4 NE 1/4 NE 1/4	Section Number 27	Township Number T 21 S	Range Number R 11 E/W
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Distance and direction from nearest town or city street address of well if located within city?
 X Approximately 7 miles North and 8 miles East of Hudson

2] WATER WELL OWNER: X **Quivira National Wildlife Refuge**
 RR#, St. Address, Box #: X **Route 3 - Box 48A**
 City, State, ZIP Code: X **Stafford, Ks. 67578**

Board of Agriculture, Division of Water Resources
 Application Number:



4] DEPTH OF COMPLETED WELL: **26** ft. ELEVATION:

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

WELL'S STATIC WATER LEVEL **7.5** ft. below land surface measured on mo/day/yr

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: **10** in. to **40** 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
		10 Monitoring well Stock

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: <u>Glued</u> Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter . **5** in. to **10** ft., Dia **5** in. to **24** ft., Dia in. to ft.

Casing height above land surface. **24** in., weight **2.36** lbs./ft. Wall thickness or gauge No. **214**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify)
			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 **10** ft. to **20** ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **8** ft. to **40** ft., From ft. to ft.

6] GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other **Bentonite Hole Plug**

Grout intervals: From ft. to ft., From ft. to ft., From **0** ft. to **8** 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	None Known

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil, Sandy			
2	10	Clay, Brown, Sandy			
10	39	Sand and Gravel, Fine to Medium			
39	40	Clay, Yellow			

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) **9/12/91** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **185** This Water Well Record was completed on (mo/day/yr) **9/17/91** under the business name of **Clarke Well and Equipment** by (signature) *Clarke W. Clarke*