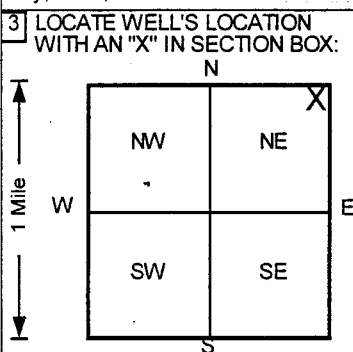


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1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NE 1/4 Section Number 18 Township Number T 19 S Range Number R 6 **EW**

Distance and direction from nearest town or city street address of well if located within city?
1/2 mile North of Little River on Hwy 46

2 WATER WELL OWNER: Ferrel Companies
 RR#, St. Address, Box # : One Liberty Plaza Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Liberty, MO. 64068 Application Number:



4 DEPTH OF COMPLETED WELL 45 ft ELEVATION: 999 ft
 Depth(s) Groundwater Encountered 1. ft 2. ft 3. ft
 WELL'S STATIC WATER LEVEL . . . 6.65 . . . ft below land surface measured on mo/day/yr 1/12/99
 Pump test data: Well water was . . . NA . . . ft after hours pumping gpm
 Est. Yield . . NA . . . gpm: Well water was ft after hours pumping gpm
 Bore Hole Diameter . . . 8 . . . in. to . . . 45 . . . 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 **10** Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes.....No.....; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded.
 Blank casing diameter 2 in. to 35 ft, Dia in. to ft, Dia in. to ft
 Casing height above land surface 36 in., weight Sch 40 lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL **7** PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass **8** RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot **3** Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 35 ft to 45 ft, From ft to ft
 From ft to ft, From ft to ft
 GRAVEL PACK INTERVALS: From 31 ft to 45 ft, From ft to ft
 From ft to ft, From ft to ft

6 GROUT MATERIAL: 1 Neat cement **2** Cement grout **3** Bentonite 4 Other
 Grout Intervals: From 0 ft to 27.5 ft, From 27.5 ft to 31 ft, From ft to ft
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage **16** Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage **Unknown**
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Clayey Silt, Brownish Black			
5	7	Sandy Silt, Grayish Brown			
7	17	Clayey Silt, Grayish Brown			
17	20	Silt, Grayish Black			
20	22	Silt, Brownish Gray			
22	25	Clayey Silt, Brownish Gray			
25	28	Silt, Dark Gray			
28	37.5	Silty Clay, Gray			
37.5	38	Sand, Brown			
38	40	Clay, Reddish Brown			
40	44	Sand, Pale Red			
44	45	Shale, Dusky Red			
					MW-4, Tag # , Abovegrade
					Project Name: BM - Little River
					GeoCore # 744 , #

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) 12/15/98 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 527 This Water Well Record was completed on (mo/day/yr) 2/12/99
 under the business name of **GeoCore Services, Inc.** by (signature) *Add [Signature]*

OFFICE USE ONLY
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R
EW
SEC
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1/4
1/4