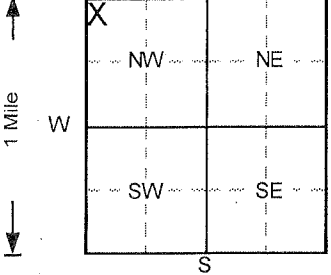


1 LOCATION OF WATER WELL: County: <b>Seward</b>	Fraction <b>NW ¼ NW ¼ NW ¼</b>	Section Number <b>5</b>	Township Number <b>T 35 S</b>	Range Number <b>R 33 E/W</b>
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Distance and direction from nearest town or city street address of well if located within city?

**SE corner of 2nd St & Western Ave, Liberal**

2 WATER WELL OWNER: Davidson Oil/Madden Oil  
 RR#, St. Address, Box # : PO Box 148  
 City, State, ZIP Code : Liberal, KS 67905  
 Board of Agriculture, Division of Water Resources  
 Application Number:

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


4 DEPTH OF COMPLETED WELL: **180** ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.  
 WELL'S STATIC WATER LEVEL . . . . . ft. below land surface measured on mo/day/yr . . . . .  
 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 **185** 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:  
 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 . . . . . **4** in. to . . . . . **150** ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.  
 Casing height above land surface . . . . . **0** in., weight . . . . . lbs./ft. Wall thickness or gauge No. . . . . **Sch. 40**  
 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:  
 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 . . . . . **150** ft. to . . . . . **180** ft., From . . . . . ft. to . . . . . ft.  
 From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.  
 GRAVEL PACK INTERVALS: From . . . . . **147** ft. to . . . . . **185** 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 . . . . . **147** 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)**  
 . . . . . **Abnd. fuel storage** . . . . .  
 Direction from well? **at site** How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	20	Clay, sandy, Tan to Brown			
20	37	Sand, f-m, Tan to Brown			
37	41	Clay, sandy, Tan to Brown			
41	43	Caliche, White			
43	67	Sand and sandy gravel, Tan to Brown			
67	80	Sand, intbd w/sandy clay, Tan to Brown			
80	97	Gravel, sandy, and sand,			
97	120	Clay, sandy, w/sand stringers, Tan to Brown			
120	140	Sand intbd w/sandy clay, Tan to Brown			
140	173	Caliche w/sand stringers, White			
173	185	Clay, sandy, intbd and sand, Tan to Brown			
					MWIR

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) . . . . . **8/16/2012** . . . . . 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) . . . . . **8/31/2012** . . . . .  
 under the business name of **GeoCore, Inc.** by (signature) *Dale Holt*

OFFICE USE ONLY  
T  
R  
E/W  
SEC.