

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: SHERMAN		NE 1/4 NW 1/4 NE 1/4		6		T 10 S		R 40W E/W																																																																																																	
Distance and direction from nearest town or city street address of well if located within city?																																																																																																									
2 WATER WELL OWNER: DONALD A CALDWELL																																																																																																									
RR#, St. Address, Box #: 48518 SNEAD DRIVE																																																																																																									
City, State, ZIP Code: BURLINGTON CO 80807																																																																																																									
Board of Agriculture, Division of Water Resources																																																																																																									
Application Number: 15635																																																																																																									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 342 ft. ELEVATION:																																																																																																							
		Depth(s) Groundwater Encountered 1. 163 ft. 2. ft. 3. ft.																																																																																																							
		WELL'S STATIC WATER LEVEL 163 ft. below land surface measured on mo/day/yr 5-04-06																																																																																																							
		Pump test data: Well water was 248 ft. after 8 hours pumping 1020 gpm																																																																																																							
		Est. Yield 1400 gpm: Well water was 276 ft. after 12 hours pumping 1190 gpm																																																																																																							
		Bore Hole Diameter 30 in. to 340 ft. and 17 in. to 342 ft.																																																																																																							
WELL WATER TO BE USED AS:																																																																																																									
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 NoXX; If yes, mo/day/yr sample was submitted																																																																																																									
Water Well Disinfected? Yes HTH 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      Threaded																																																																																																									
Blank casing diameter 16 in. to 235 ft. Dia 16 in. to 335 to 342 ft. Dia in. to .250 ft.																																																																																																									
Casing height above land surface 12 in. weight 42.05 lbs./ft. Wall thickness or gauge No.																																																																																																									
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      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      10 Other (specify)																																																																																																									
SCREEN-PERFORATED INTERVALS: From 235 ft. to 335 ft. From ft. to ft. From ft. to ft. From ft. to ft.																																																																																																									
GRAVEL PACK INTERVALS: From 342 ft. to 20 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 20 ft. to +1 ft. From ft. to 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? Southeast      How many feet? 50																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>topsoil</td> <td>335</td> <td>338</td> <td>ochre, green shale</td> </tr> <tr> <td>2</td> <td>36</td> <td>red &amp; white clay</td> <td>338</td> <td>342</td> <td>black shale</td> </tr> <tr> <td>36</td> <td>59</td> <td>sand, white clay streaks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>59</td> <td>110</td> <td>sand, gravel, rocks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>110</td> <td>135</td> <td>sandy clay, sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>135</td> <td>175</td> <td>sandy clay, gravel, sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>175</td> <td>195</td> <td>sand, gravel, clay &amp; sandstone layers</td> <td></td> <td></td> <td></td> </tr> <tr> <td>195</td> <td>228</td> <td>sand, gravel, sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>228</td> <td>245</td> <td>sand, sandy clay, sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>245</td> <td>262</td> <td>fine to coarse sand, sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>262</td> <td>274</td> <td>fine to coarse sand, green clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>274</td> <td>283</td> <td>green &amp; white sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>283</td> <td>295</td> <td>coarse sand, gravel, clay streak</td> <td></td> <td></td> <td></td> </tr> <tr> <td>295</td> <td>311</td> <td>coarse sand, some gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>311</td> <td>335</td> <td>coarse sand, gravel</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	topsoil	335	338	ochre, green shale	2	36	red & white clay	338	342	black shale	36	59	sand, white clay streaks				59	110	sand, gravel, rocks				110	135	sandy clay, sandstone				135	175	sandy clay, gravel, sandstone				175	195	sand, gravel, clay & sandstone layers				195	228	sand, gravel, sandy clay				228	245	sand, sandy clay, sandstone				245	262	fine to coarse sand, sandy clay				262	274	fine to coarse sand, green clay				274	283	green & white sandy clay				283	295	coarse sand, gravel, clay streak				295	311	coarse sand, some gravel				311	335	coarse sand, gravel			
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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) MAY 5, 2006 and this record is true to the best of my knowledge and belief. Kansas																																																																																																									
Water Well Contractor's License No. 633 This Water Well Record was completed on (mo/day/yr) 5-15-2006																																																																																																									
under the business name of DMW WELL & PUMP SERVICE by (signature) Jerry T. Bucknell																																																																																																									
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																																									

OFFICE USE ONLY

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E/W

SEC.

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