

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																											
County: <u>Haskell</u>		SW 1/4 SW 1/4 NE 1/4		2		T 30 S		R 34 EW																																																																																											
Distance and direction from nearest town or city street address of well if located within city? <u>1 1/2 North, 1/2 West, 3/4 Mi. North of Satanta</u>																																																																																																			
2 WATER WELL OWNER: <u>C. M. Light Estate Murfin Drilling, Inc.</u>																																																																																																			
RR#, St. Address, Box # <u>Box 2797</u> <u>Box 661</u>																																																																																																			
City, State, ZIP Code <u>Liberal, KS 67901</u> <u>Colby, KS 67701</u>																																																																																																			
Board of Agriculture, Division of Water Resources Application Number: <u>980031</u>																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:				4 DEPTH OF COMPLETED WELL: <u>440</u> ft. ELEVATION:																																																																																															
<div style="text-align: center;"><p>1 Mile</p></div>				Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																															
				WELL'S STATIC WATER LEVEL <u>285</u> 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 <u>440</u> ft. after hours pumping gpm																																																																																															
				Bore Hole Diameter <u>8</u> in. to <u>440</u> ft. and in. to 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.....No. <u>X</u> If yes, mo/day/yr sample was sub-																																																																																																			
mitted Water Well Disinfected? Yes No <u>X</u>																																																																																																			
5 TYPE OF BLANK CASING USED:																																																																																																			
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped																																																																																																			
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																																																																																																			
7 Fiberglass Threaded																																																																																																			
Blank casing diameter <u>4.5</u> in. to <u>380</u> ft. Dia. in. to ft. Dia. in. to ft.																																																																																																			
Casing height above land surface <u>18</u> in., weight <u>2.38</u> lbs./ft. Wall thickness or gauge No. <u>248</u>																																																																																																			
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 <u>380</u> ft. to <u>440</u> ft. From ft. to ft.																																																																																																			
GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>440</u> 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 <u>0</u> ft. to <u>20</u> 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? <u>SW</u> How many feet? <u>150</u>																																																																																																			
<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>Surface</td><td>305</td><td>335</td><td>Sandy Clay</td></tr><tr><td>2</td><td>20</td><td>Loess</td><td>335</td><td>360</td><td>Med. Sand w/Clay Strks.</td></tr><tr><td>20</td><td>80</td><td>Clay & Caliche</td><td>360</td><td>369</td><td>Sandy Clay w/Sand</td></tr><tr><td>80</td><td>86</td><td>Med. Sand</td><td>369</td><td>375</td><td>Med. Sand w/Clay</td></tr><tr><td>86</td><td>110</td><td>Sandy Clay w/Sand Strks.</td><td>375</td><td>380</td><td>Med. Sand & Gravel w/Clay Lns.</td></tr><tr><td>110</td><td>129</td><td>Med. Sand & Gravel</td><td>380</td><td>400</td><td>Sandy Clay & Caliche/Some Sand</td></tr><tr><td>129</td><td>134</td><td>Sandy Clay & Some Sand</td><td>400</td><td>414</td><td>Sandy Clay w/Med. Sand Strks.</td></tr><tr><td>134</td><td>150</td><td>Cemented Sand w/Clay Strks.&Sand</td><td>414</td><td>440</td><td>Med. Sand & Clay Strks.</td></tr><tr><td>150</td><td>160</td><td>Med. Sand & Gravel</td><td></td><td></td><td></td></tr><tr><td>160</td><td>228</td><td>Med. Sand & Gravel w/Cemented & Clay Strks.</td><td></td><td></td><td></td></tr><tr><td>228</td><td>234</td><td>Sandy Clay & Caliche</td><td></td><td></td><td></td></tr><tr><td>234</td><td>269</td><td>Med. Sand & Gravel</td><td></td><td></td><td></td></tr><tr><td>269</td><td>275</td><td>Sandy Clay & Caliche</td><td></td><td></td><td></td></tr><tr><td>275</td><td>305</td><td>Med. Sand & Gravel w/Clay Lyrs.</td><td></td><td></td><td></td></tr></tbody></table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	Surface	305	335	Sandy Clay	2	20	Loess	335	360	Med. Sand w/Clay Strks.	20	80	Clay & Caliche	360	369	Sandy Clay w/Sand	80	86	Med. Sand	369	375	Med. Sand w/Clay	86	110	Sandy Clay w/Sand Strks.	375	380	Med. Sand & Gravel w/Clay Lns.	110	129	Med. Sand & Gravel	380	400	Sandy Clay & Caliche/Some Sand	129	134	Sandy Clay & Some Sand	400	414	Sandy Clay w/Med. Sand Strks.	134	150	Cemented Sand w/Clay Strks.&Sand	414	440	Med. Sand & Clay Strks.	150	160	Med. Sand & Gravel				160	228	Med. Sand & Gravel w/Cemented & Clay Strks.				228	234	Sandy Clay & Caliche				234	269	Med. Sand & Gravel				269	275	Sandy Clay & Caliche				275	305	Med. Sand & Gravel w/Clay Lyrs.			
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS																																																																																														
0	2	Surface	305	335	Sandy Clay																																																																																														
2	20	Loess	335	360	Med. Sand w/Clay Strks.																																																																																														
20	80	Clay & Caliche	360	369	Sandy Clay w/Sand																																																																																														
80	86	Med. Sand	369	375	Med. Sand w/Clay																																																																																														
86	110	Sandy Clay w/Sand Strks.	375	380	Med. Sand & Gravel w/Clay Lns.																																																																																														
110	129	Med. Sand & Gravel	380	400	Sandy Clay & Caliche/Some Sand																																																																																														
129	134	Sandy Clay & Some Sand	400	414	Sandy Clay w/Med. Sand Strks.																																																																																														
134	150	Cemented Sand w/Clay Strks.&Sand	414	440	Med. Sand & Clay Strks.																																																																																														
150	160	Med. Sand & Gravel																																																																																																	
160	228	Med. Sand & Gravel w/Cemented & Clay Strks.																																																																																																	
228	234	Sandy Clay & Caliche																																																																																																	
234	269	Med. Sand & Gravel																																																																																																	
269	275	Sandy Clay & Caliche																																																																																																	
275	305	Med. Sand & Gravel w/Clay Lyrs.																																																																																																	
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>2-2-98</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>554</u> This Water Well Record was completed on (mo/day/yr) <u>2-3-98</u> under the business name of <u>Woofter Pump & Well, Inc.</u> by (signature) <u>Jay C. Woofter</u>																																																																																																			
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.																																																																																																			