

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																															
County: McPherson		SW 1/4 SW 1/4 NE 1/4		29		T 19 S		R 3 E (W)																																																																															
Distance and direction from nearest town or city street address of well if located within city?																																																																																							
800 West Kansas, McPherson, Kansas								01948019 MW-9																																																																															
2 WATER WELL OWNER: Kerr-McGee Refining Corporation																																																																																							
RR#, St. Address, Box #: P.O. Box 3367						Board of Agriculture, Division of Water Resources																																																																																	
City, State, ZIP Code: Houston, Texas 77253						Application Number:																																																																																	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 88.5 ft. ELEVATION: Approx. Surface Elev: 1488.68																																																																																					
		Depth(s) Groundwater Encountered 1. 68.0 ft. 2. ft. 3. ft.																																																																																					
		WELL'S STATIC WATER LEVEL 76.0 ft. below land surface measured on mo/day/yr 08/23/94																																																																																					
		Pump test data: Well water was ft. after hours pumping gpm																																																																																					
		Est. Yield N/A gpm: Well water was ft. after hours pumping gpm																																																																																					
		Bore Hole Diameter 8.25 in. to 88.5 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 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: Glued Clamped																																																																																							
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																																																																																							
3 Fiberglass Threaded X																																																																																							
Blank casing diameter 2 in. to 63.5 ft. Dia in. to ft. Dia in. to ft.																																																																																							
Casing height above land surface -3 in. weight lbs./ft. Wall thickness or gauge No. Schedule 40																																																																																							
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																																																																																							
7 Torch cut 10 Other (specify)																																																																																							
SCREEN-PERFORATED INTERVALS: From 63.5 ft. to 88.5 ft. From ft. to ft.																																																																																							
GRAVEL PACK INTERVALS: From 61.5 ft. to 88.5 ft. From ft. to ft.																																																																																							
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																							
Grout Intervals: From 0 ft. to 59.5 ft. From 59.5 ft. to 61.5 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 UST																																																																																							
Direction from well? How many feet?																																																																																							
<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>0.0</td> <td>1.0</td> <td>Topsoil</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.0</td> <td>8.0</td> <td>Silty Fat Clay; Dark Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8.0</td> <td>13.0</td> <td>Sandy Clay; Tan, Trace Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13.0</td> <td>19.0</td> <td>Fine Sand With Silt & Clay; Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>19.0</td> <td>23.0</td> <td>Silt; Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23.0</td> <td>28.0</td> <td>Fine Sand; Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>28.0</td> <td>29.5</td> <td>Silty Fat Clay; Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>29.5</td> <td>33.0</td> <td>Silt; Tan to Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>33.0</td> <td>39.0</td> <td>Silty Fat Clay; Tan to Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>39.0</td> <td>68.0</td> <td>Fine Sand; Tan, With Trace Clay & Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>68.0</td> <td>74.0</td> <td>Silt; Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>74.0</td> <td>88.5</td> <td>Fine Sand; Tan to Gray</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0.0	1.0	Topsoil				1.0	8.0	Silty Fat Clay; Dark Brown				8.0	13.0	Sandy Clay; Tan, Trace Silt				13.0	19.0	Fine Sand With Silt & Clay; Tan				19.0	23.0	Silt; Tan				23.0	28.0	Fine Sand; Tan				28.0	29.5	Silty Fat Clay; Tan				29.5	33.0	Silt; Tan to Gray				33.0	39.0	Silty Fat Clay; Tan to Gray				39.0	68.0	Fine Sand; Tan, With Trace Clay & Silt				68.0	74.0	Silt; Gray				74.0	88.5	Fine Sand; Tan to Gray			
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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) 08/22/94 and this record is true to the best of my knowledge and belief. Kansas																																																																																							
Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 08/15/94																																																																																							
under the business name of Terracon Consultants, Inc. by (signature) Steve Fischer																																																																																							