

LOCATION OF WATER WELL		Fraction SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$			Section Number 16	Township Number T 24 S	Range Number R 29 <b>EW</b>																																																						
County: Gray		Distance and direction from nearest town or city? Charleston $\frac{1}{2}$ East 7 North - 2 $\frac{1}{2}$ East			Street address of well if located within city?																																																								
WATER WELL OWNER: Cecil O'Brate RR#, St. Address, Box #: Imperial Route City, State, ZIP Code: Garden City, KS 67846																																																													
Board of Agriculture, Division of Water Resources Application Number: 32,240																																																													
DEPTH OF COMPLETED WELL 187 ft. Bore Hole Diameter 26 in. to 187 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 Observation well																																																													
Well's static water level 109 ft. below land surface measured on May month 11 day 1979 year																																																													
Pump Test Data: Well water was 153 ft. after 2 hours pumping 1160 gpm Est. Yield 1310 gpm Well water was 160 ft. after 3 hours pumping 1310 gpm																																																													
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 X 2 PVC 4 ABS 7 Fiberglass Threaded																																																													
Blank casing dia 16 in. to 187 ft., Dia in. to ft., Dia in. to ft.																																																													
Casing height above land surface 12 in., weight 36.4 lbs./ft. Wall thickness or gauge No 219																																																													
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-Perforation Dia 16 in. to 187 ft., Dia in. to ft., Dia in. to ft.																																																													
Screen-Perforated Intervals: <del>From</del> Screen 150 ft. to 180 ft., <del>From</del> Perf 180 ft. to 187 ft.																																																													
From. 10 ft. to 187 ft., From. ft. to ft., From. ft. to ft., From. ft. to ft.																																																													
Gravel Pack Intervals: From ft. to ft., From ft. to ft., From ft. to ft.																																																													
GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grouted Intervals: From 0 ft. to 10 ft., From ft. to ft., From ft. to ft.																																																													
What is the nearest source of possible contamination: 10 Fuel storage 14 Abandoned water well 1 Septic tank 4 Cess pool 7 Sewage lagoon 11 Fertilizer storage 15 Oil well/Gas well 2 Sewer lines 5 Seepage pit 8 Feed yard 12 Insecticide storage 16 Other (specify below) 3 Lateral lines 6 Pit privy 9 Livestock pens 13 Watertight sewer lines Center of $\frac{1}{4}$ Section N/A																																																													
Direction from well How many feet? Water Well Disinfected? Yes No X Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample																																																													
was submitted month day year Pump Installed? Yes X No If Yes: Pump Manufacturer's name Goulds 6 Stage Model No. 10 JHO HP Customers Motors																																																													
Depth of Pump Intake 175 ft. Pumps Capacity rated at 800 gal/min.																																																													
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other																																																													
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on August month 30 day 1979 year and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 208 This Water Well Record was completed on December month 17 day 1980 year under the business name of Minter Wilson Drilling Co., Inc. by (signature) <i>M. Wilson Driller</i>																																																													
LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:																																																													
		<table border="1"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>			FROM	TO	LITHOLOGIC LOG																									<table border="1"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>			FROM	TO	LITHOLOGIC LOG																								
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FROM	TO	LITHOLOGIC LOG																																																											
Test log attached																																																													
ELEVATION:																																																													
Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft. 4 ft.				(Use a second sheet if needed)																																																									
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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																													

*Re:*  
Refused **MINTER-WILSON DRILLING CO.** INCORPORATED  
Irrigation  
and Domestic  
Water Systems  
Complete Installation  
and Repairing

Phone 276-8269 . P.O. Box A . GARDEN CITY, KANSAS 67846

February 19, 1979

Cecil O'Brete  
Gray County

Location: NW<sup>1/4</sup> 16-24-29 60' North of Test 1

Static Water Level - 112

Test #2

0	3	Top Soil
3	18	Brown Clay
18	45	Brown Sandy Clay (tight)
45	57	Fine to med. sand & gravel
57	80	Brown Sandy Clay
80	108	Brown Clay
108	124	Fine sand 15% Clay (loose)
124	151	Brown Sandy Clay
151	177	Fine to med. sand & gravel mixed with coarse white rock (loose)
177	185	Yellow Clay gray clay

T. D. 187