

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: <b>Haskell</b>	<b>SE 1/4 SW 1/4 SE 1/4</b>	<b>33</b>	<b>T 27 S</b>	<b>R 33 E</b>

Distance and direction from nearest town or city? **Approx. 4 1/2 miles West & 11 1/2 Miles North of Sublette, KS** Street address of well if located within city?

2 WATER WELL OWNER: **Mercer, Inc.**  
 RR#, St. Address, Box # : **% Verne Hinkle** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : **Satanta, KS** Application Number: **21,500 & 12,606**

3 DEPTH OF COMPLETED WELL: **630** ft. Bore Hole Diameter: **2.6** in. to \_\_\_\_\_ ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Well Water to be used as:  
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 7 Lawn and garden only 10 Observation well  
 Well's static water level: **301** ft. below land surface measured on **November** month **6** day **1980** year  
 Pump Test Data: Well water was **345** ft. after **4** hours pumping **1280** gpm  
 Est. Yield **2000** gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

4 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 dia **1.6** in. to **6.30** ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: **1.6** in., weight **42.05** lbs./ft. Wall thickness or gauge No. **250**

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 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-Perforation Dia **1.6** in. to **6.27** ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Screen-Perforated Intervals: From **370-627** ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Gravel Pack Intervals: From **10** ft. to **630** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

5 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: **None Observed**  
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well  
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well  
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)  
 13 Watertight sewer lines  
 Direction from well \_\_\_\_\_ How many feet \_\_\_\_\_? Water Well Disinfected? Yes \_\_\_\_\_ No   
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No  If yes, date sample was submitted \_\_\_\_\_ month \_\_\_\_\_ day \_\_\_\_\_ year: Pump Installed? Yes  No \_\_\_\_\_  
 If Yes: Pump Manufacturer's name **Johnston** Model No. \_\_\_\_\_ HP **200** Volts \_\_\_\_\_  
 Depth of Pump Intake **425** ft. Pumps Capacity rated at **1900** gal./min.  
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other \_\_\_\_\_

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on **November** month **5** day **1980** year  
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **145**  
 This Water Well Record was completed on **November** month **12** day **1980** year under the business name of **Henkle Drilling & Supply Co., Inc.** by (signature) *Bruce J. Reichmuth*

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
			See Attached Log			

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.

OFFICE USE ONLY

DRILLERS TEST LOG

COMPANY NAME MERCER INC. DATE 6-5-80  
 ADDRESS c/o Verne Hinkle TEST # 1  
 CITY & STATE Satanta, KS. 67870 DRILLER Livingston  
 COUNTY Haskell QUARTER SE SECTION 33 TOWNSHIP 27 RANGE 33

LOCATION 100 ft. north of old well

*Well location*

DEPTH	DRILLER FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL	PROPOSED WELL DEPTH
	0		2	TOP SOIL		
	2		26	SANDY CLAY		
	26		50	SAND FINE SMALL		
	50		100	SANDY CLAY & SAND FINE SMALL		
	100		127	SANDY CLAY CALICHE		
	127		240	SAND FINE TO MED. SMALL TO LARGE GRAVEL FEW CLAY STKS.		
	240		255	BROWN CLAY		
	255		310	BLUE CLAY		
40	310	20	330	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL & CLAY		
	330		340	BROWN SANDY CLAY LIMEROCK		
	340		370	BROWN & GRAY CLAY		
70	370	41	411	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL CEMENTED IN PLACES		
	411		420	BROWN SANDY CLAY		
65	420	07	427	SAND FINE TO MED. COARSE SMALL GRAVEL		
	427		434	BROWN SANDY CLAY & SAND STKS.		
60	434	21	455	SAND FINE TO MED. COARSE SMALL GRAVEL		
	455		460	BROWN SANDY CLAY		
55	460	13	473	SAND FINE TO MED. COARSE FEW SMALL GRAVEL		
	473		497	BROWN SANDY CLAY & LIMEROCK		
35	497	13	510	SAND FINE SMALL & FEW CLAY STKS.		
	510		578	TAN SANDY CLAY FEW LIMROCK LEDGES & FINE SAND STKS.		
65	578	12	590	SAND FINE TO MED. COARSE SMALL BROWN GRAVEL		
	590		598	BROWN ROCK		
Good	598	29	627	BROWN CLAY		
	627		631	BROWN ROCK & FINE SANDY MIXED BRAN & USED LOTS OF WATER		
	631		640	SOAPSTONE		
				SHALE		

*Total depth of well 630 ft*  
*Setup facing north*  
*Dig Pit on the east*

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS

Phone 276-3278

SUBLETTIE, KANSAS

Phone 675-4311

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS