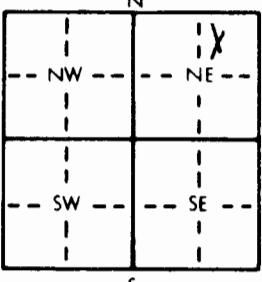


1 LOCATION OF WATER WELL: County: **Shawnee** Fraction: **NW 1/4 NE 1/4 NE 1/4** Section Number: **20** Township Number: **T 11 S** Range Number: **R 16 EW**

Distance and direction from nearest town or city street address of well if located within city?
NW Corner of Hwy 24 and Kansas Ave intersection, Topeka, KS

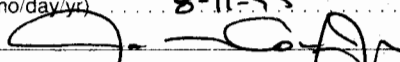
2 WATER WELL OWNER: **Kerr McGee Refining Corp** RR#, St. Address, Box #: **221 Norfolk, Ste 1100, PO Box 3367** City, State, ZIP Code: **Houston, TX 77253**
 Board of Agriculture, Division of Water Resources **MWS**
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL: **29** ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1. **21.5** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **23.3** ft. below land surface measured on mo/day/yr **7/20/95**
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter in. to ft., and in. to ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only **10 Monitoring well** 12 Other (Specify below)
 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
 7 Fiberglass Threaded
 Blank casing diameter **2** in. to **18.56** ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface ~~Flush~~ **Flush/manhole** weight **70** lbs./ft. Wall thickness or gauge No. **sch 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 **18.56** ft. to **28.56** ft. From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From **17** ft. to **29** 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 **1.5** ft. to **14** ft. From **14** ft. to **17** ft. From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy **11 Fuel storage** 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? How many feet? **250**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1.5	Topsoil Silt Fine sand			
1.5	12.5				
12.5	29				

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) **7/18/95** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **102** This Water Well Record was completed on (mo/day/yr) **8-11-95** under the business name of **Layne-Western Co.** by (signature) 

OFFICE USE ONLY

T

R

EW

SEC.

1/4

1/4

1/4