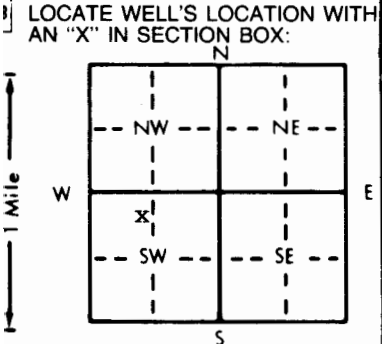


1 LOCATION OF WATER WELL: Fraction **NE 1/4 NW 1/4 SW 1/4** Section Number **29** Township Number **T 24 S** Range Number **R 4 E/W**
 County: **Butler**

Distance and direction from nearest town or city street address of well if located within city?
South of Potwin, KS on the property of the Total tank farm.

2 WATER WELL OWNER: **Total Petroleum Inc.**
 RR#, St. Address, Box # : **East Superior Street** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : **Alma, Michigan 48802** Application Number:



4 DEPTH OF COMPLETED WELL **47'** PBTD **12'** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL ... **4** ... ft. below land surface measured on mo/day/yr **5-4-90**
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield **<.5** 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: 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**; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 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
2 PVC 4 ABS 7 Fiberglass Threaded... **flush**

Blank casing diameter **4** in. to **4** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No.

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 **60** slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From **4** ft. to **12** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **3** ft. to **12** 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 **3** **3** ft. to **1** **3** ft., From **1** **2** ft. to **0** **2** 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? **South & West** How many feet? **100'+**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Tan shale			
6	8	Limestone	0	47	Reamed out old PVC casing
8	12	Green-brown shale	12	47	Bentonite

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) **5-4-90 (recompleted)** 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) **6/18/90** under the business name of **Layne Western Company, Inc. Wichita** by (signature) *Dee Johnson*