

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Franklin	SW 1/4 SW 1/4 NW 1/4	11	T 19 S	R 17 EW

Distance and direction from nearest town or city street address of well if located within city?

2 miles east of Waverly

2 WATER WELL OWNER: Texaco Pipeline, Inc.	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: Box 1049	Application Number:
City, State, ZIP Code: El Dorado, KS 67042	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 35 ft. ELEVATION: 76.98
	Depth(s) Groundwater Encountered: 1 10 ft. 2. 14 ft. 3. ft. WELL'S STATIC WATER LEVEL: 18.45 ft. below land surface measured on mo/day/yr 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: 6 in. to 20.8 ft. and 3-7/8 in. to 35 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:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	10 Asbestos-cement
Blank casing diameter: 4 in. to 20.2 ft. Dia: 2 in. to 2 3/8 ft. Dia: in. to ft.			11 Other (specify)
Casing height above land surface: Push in. weight lbs./ft. Wall thickness or gauge No. SA 40			12 None used (open hole)
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC		
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
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-PERFORATED INTERVALS:	From 25 ft. to 35 ft.	From ft. to ft.	
GRAVEL PACK INTERVALS:	From 23 ft. to 35 ft.	From ft. to ft.	

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From 0 ft. to 23 ft.				
What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well		
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	Pipeline
Direction from well? North			How many feet? 10	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2.5'	Very hard, very dark brown and orange mottled, homogeneous clay.			
2.5'	6.0'	Limestone, grey, massive, hard to very hard, slightly broken, very slightly to slightly weathered. Dry. Crinoid fossils. Plattsmouth limestone of the oread limestone formation.			
6.0'	6.2'	Shale, very dark grey, soft, fresh.			
6.2'	7.5'	Limestone, same as above.			
7.5'	7.7'	Shale, very dark grey, soft, fresh.			
7.7'	11.0'	Limestone, grey, crystalline, very hard, unbroken, fresh, dry. Crinoid fossils.			
11.0'	15.2'	Shale, dark grey to black, microlaminated, soft, fresh. Slightly moist. Heebner shale of the oread limestone formation.			
15.2'	17.3'	Limestone, grey, massive, very hard, fresh, dry. Abundant fossils for 1 ft in unit. Leavenworth limestone of the oread limestone formation.			
17.3'	25.6'	Shale, grey to black, microlaminated, soft, fresh. Slight moist. Snyderville shale of the oread limestone formation.			
25.6'	28.5'	Shaley limestone, light grey, soft, fresh, dry.			

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) 7/31/91 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) 10/3/91 under the business name of Layne-Western Co., Inc. by (signature) Tim J. Howard

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