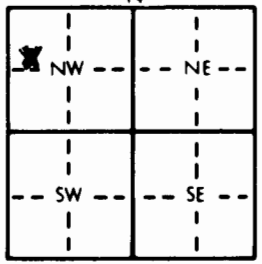


1 LOCATION OF WATER WELL: Fraction **NE 1/4 SW 1/4 NW 1/4** Section Number **10** Township Number **T 31 S** Range Number **R 33 E** **(W)**
 County: **Seward**

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

N of Liberal to #190; 1.7W., & S. into

2 WATER WELL OWNER: **Zinke & Trumbo Oil & Gas** **#2-10 Allen Trust**
 RR#, St. Address, Box #: **1202 E. 33RD. Ste. 100** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Tulsa, Ok 74105** Application Number: **970453**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **400** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. **259** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL **259** ft. below land surface measured on mo/day/yr **11-15-97**
 Pump test data: Well water was **381** ft. after **1** hours pumping **120** gpm
 Est. Yield **120** gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter **11** in. to **400** 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 **X** If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes **X** No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **X** Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter **6** in. to **400** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface **24** in., weight **2.902** lbs./ft. Wall thickness or gauge No. **.281 SDR 21**
 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-PERFORATED INTERVALS: From **320** ft. to **400** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **260** ft. to **400** 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 **Hole Plug**
 Grout Intervals: From **0** ft. to **20** ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage **15** Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? **Southeast** How many feet? **375**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil			
2	17	Sandy Clay			
17	83	Clay			
83	227	Sand			
227	263	Sand / Clay Streaks			
263	384	Sand & Gravel			
384	400	Yellow & White Clay			

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) **11-15-97** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **KWACL - 430** This Water Well Record was completed on (mo/day/yr) **11-15-97** under the business name of **Howard Drlg. Box 806 Beaver, Ok 73932** by (signature) *[Signature]*

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SEC.
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