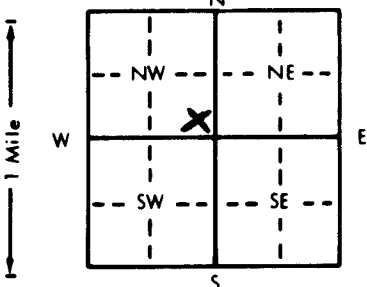


1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 NW 1/4 Section Number 2 Township Number T 31 S Range Number R 33 EW
 County: Seward

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

N. of Liberal to Jct. of 83 & 190 1/2W., 1/2N., W to W/W

2 WATER WELL OWNER: Zinke & Trumbo Oil & Gas #1-2 Hoffman
 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: 970317

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

 4 DEPTH OF COMPLETED WELL: 405 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 250 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 250 ft. below land surface measured on mo/day/yr 7-14-97
 Pump test data: Well water was 315 ft. after 1 hours pumping 100 gpm
 Est. Yield 100 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 11 in. to 405 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:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 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:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 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-PERFORATED INTERVALS: From 340 ft. to 400 ft. From ft. to ft.
 From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 328 ft. to 405 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? Northwest How many feet? 280

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface			
2	27	Clay			
27	44	Sand			
44	57	Sandy Clay			
57	155	Sand			
155	163	Clay			
163	224	Sand			
224	237	Clay			
237	317	Sand			
317	333	Sand			
333	384	Clay			
384	393	Clay			
393	405	Clay & Sand Streaks			

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) 7-14-97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWCL - 430 This Water Well Record was completed on (mo/day/yr) 7-14-97 under the business name of Howard Drlg. Box 806 Beaver, Ok 73932 by (signature) [Signature]