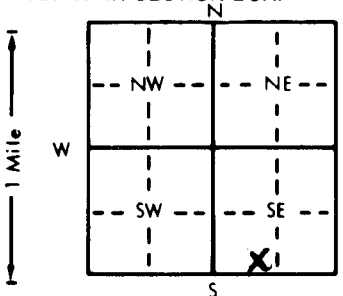


1 LOCATION OF WATER WELL: County: Seward Fraction: SE 1/4 SW 1/4 SE 1/4 Section Number: 15 Township Number: T 35 S Range Number: R 33 EW

Distance and direction from nearest town or city street address of well if located within city?
S of Liberal on Hwy 83 just before State line W into

2 WATER WELL OWNER: Anadarko Petr. Corp. #1 Schneider Alley
 RR#, St. Address, Box # : P.O. Box 351 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Liberal, Ks 67905-0351 Application Number: 980091

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

 4 DEPTH OF COMPLETED WELL: 340 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 134 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 134 ft. below land surface measured on mo/day/yr 4-10-98
 Pump test data: Well water was 210 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 340 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 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 340 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 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 3 Mill slot 6 Wire wrapped 9 Drilled holes
 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 260 ft. to 340 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 200 ft. to 340 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? Northeast How many feet? 300

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|-----|-----------------------|------|-----|------------------------------|
| 0 | 2 | Sandy Clay | 315 | 331 | Sand |
| 2 | 50 | Clay | 331 | 340 | Yellow, Blue, Tan Sandy Clay |
| 50 | 80 | Clay / Sandy Clay | | | |
| 80 | 100 | Clay | | | |
| 100 | 123 | Caliche / Clay / Rock | | | |
| 123 | 171 | Caliche / Clay | | | |
| 171 | 200 | Sand / Sandy Clay | | | |
| 200 | 212 | Sandy Clay | | | |
| 212 | 220 | Clay | | | |
| 220 | 238 | Sandy Clay | | | |
| 238 | 250 | Clay / Sandy Clay | | | |
| 250 | 260 | Sandy Clay | | | |
| 260 | 270 | Sand / Sandy Clay | | | |
| 270 | 300 | Sand | | | |
| 300 | 315 | Sand / Sandy 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) 4-10-98 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) 4-10-98 under the business name of Howard Drlg. Box 806 Beaver, OK 73932 by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

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