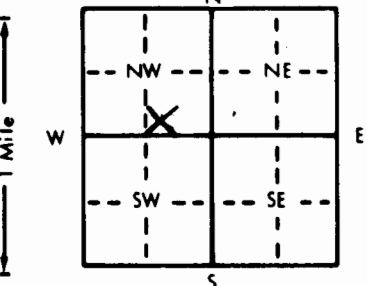


1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 NW 1/4 Section Number 4 Township Number T. 35 S Range Number R. 33 EW
 County: Seward

Distance and direction from nearest town or city street address of well if located within city?
343.5 E Pancake Rd. 175' E 75' S of SE corner of Super C

2 WATER WELL OWNER: Madden Oil, Co. Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: P.O. Box 148 Application Number:
 City, State, ZIP Code: Liberal, KS 67905

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



4 DEPTH OF COMPLETED WELL: 161.5 ft. ELEVATION: 2836.97 - B.M.

Depth(s) Groundwater Encountered 1. 148 ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL 147.73 ft. below land surface measured on mo/day/yr 8/29/95

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: 8 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: 3 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

Blank casing diameter 4 in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.

Casing height above land surface: Flush in., weight 2.071 lbs./ft. Wall thickness or gauge No. sch 40

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 161.0 ft. to 131.0 ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 161.5 ft. to 130.0 ft., From _____ ft. to _____ ft.

SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.

SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.

SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.

SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 130.0 ft. to 3.0 ft., From _____ ft. to _____ ft., From _____ ft. to _____ 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

Direction from well? How many feet? 150' W 100' N

LITHOLOGIC LOG FROM TO PLUGGING INTERVALS

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	52	Sands w/ clay lenses			
52	155	Clay			
155	165	Sands			

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) 8/29/95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 531 This Water Well Record was completed on (mo/day/yr) 10/16/95 under the business name of Geotechnical Services, Inc by (signature) Mark A. Ray