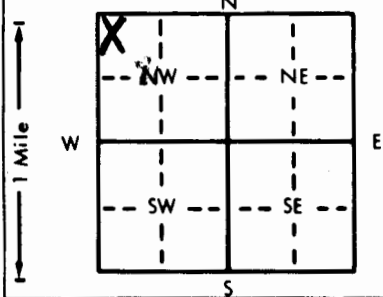


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NW 1/4 Section Number 21 Township Number T 34 S Range Number R 34 EW
 County: Seward
 Distance and direction from nearest town or city street address of well if located within city?

From 54 and 83 Junction in Liberal--3 North on 83, 6 West, 1/4 South and East into--

2 WATER WELL OWNER: Petroleum Inc.
 RR#, St. Address, Box #: Box 1255 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Liberal, Ks. 67901 Application Number: T85-1034

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



4 DEPTH OF COMPLETED WELL... 380 ft. ELEVATION: ...
 Depth(s) Groundwater Encountered 1... 110 ft. 2... ft. 3... ft.
 WELL'S STATIC WATER LEVEL... 110 ft. below land surface measured on mo/day/yr 11-29-85
 Pump test data: Well water was 115 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 380 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 Observation 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 380 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 24 in., weight lbs./ft. Wall thickness or gauge No. 320

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 380 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 260 ft. to 380 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other dirt
 Grout Intervals: From 1 ft. to 15 ft., From 15 ft. to 100 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? Northwest How many feet? 120

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	12	Clay			
12	90	Sandy Clay			
90	106	Sand			
106	232	Sandy Clay			
232	260	Sand			
260	332	Sandy Clay			
332	340	Sand			
340	348	Sandy Clay			
348	380	Sand			

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) 11-29-85 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) 11-29-85 under the business name of Howard Drilling Co. 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.