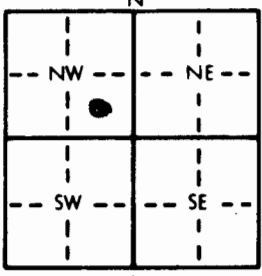


1) LOCATION OF WATER WELL: Fraction 1/4 SE 1/4 NW 1/4 Section Number 17 Township Number T 30S S Range Number R 21W EW  
 County: Clark

Distance and direction from nearest town or city street address of well if located within city?  
5 south of Bucklin, KS, 1 west, 1 north and east and south into.

2) WATER WELL OWNER: Petroleum Incorporated  
 RR#, St. Address, Box #: P. O. Box 1255 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Liberal, KS 67901 Application Number: T83-689

3) LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4) DEPTH OF COMPLETED WELL: 200 ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL 80 ft. below land surface measured on mo/day/yr 12-14-83  
 Pump test data: Well water was 100' ft. after 1 hours pumping 35 gpm  
 Est. Yield 35 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter: 8 3/4 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 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes.....No..... if yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes Yes No

5) TYPE OF BLANK CASING USED: 5 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 5 in. to 202 ft., Dia. .... in. to ..... ft., Dia. .... in. to ..... ft.  
 Casing height above land surface 24 in., weight ..... lbs./ft. Wall thickness or gauge No. 258  
 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: 3 Mill slot 8 Saw cut 11 None (open hole)  
 1 Continuous slot 4 Key punched 7 Torch cut 10 Other (specify) .....  
 2 Louvered shutter  
 SCREEN-PERFORATED INTERVALS: From 100 ft. to 200 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 160 ft. to 200 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 .....  
 Grout Intervals: From 7 ft. to 10 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	40	Clay			
40	60	Sandy Clay			
60	80	Sandy Clay-4' Sand			
80	100	Sand			
100	120	10' Sandy Clay-10' Sand			
120	140	Sandy Clay-15' Sand			
140	160	8' Sand-Sandy Clay			
160	180	3' Sand-Clay			
180	200	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) 12/14/83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWCL 430 This Water Well Record was completed on (mo/day/yr) 12-14-83 under the business name of Howard Drilling Company by (signature) Howard Drilling

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.

OFFICE USE ONLY T 30 R 21 SEC 17 C 1/4 SE 1/4 NW 1/4