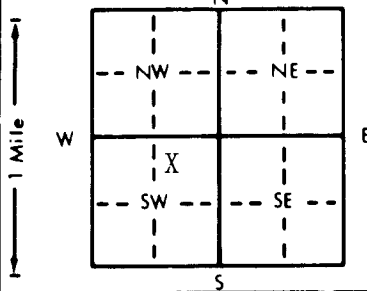


1 LOCATION OF WATER WELL: Fraction NW 1/4 NE 1/4 SW 1/4 Section Number 13 Township Number T 33 S Range Number R 23 EW
 County: Cherokee

Distance and direction from nearest town or city street address of well if located within city?
 25' west of Minnesota Ave. and 36' north of West Maple, Columbus, KS

2 WATER WELL OWNER: Hale Petroleum Co.
 RR#, St. Address, Box # : 430 E. Oak Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Columbus, Kansas 66725 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:
 4 DEPTH OF COMPLETED WELL: 13 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 5.5 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr
 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 13.5 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: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued Clamped Welded Threaded X
 Blank casing diameter 2 in. to 13 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 0 in., weight lbs./ft. Wall thickness or gauge No. Sch. 40
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From 13 ft. to 3 ft. From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 13 ft. to 2 ft. From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Concrete 1' to Surface
 Grout Intervals: From 2 ft. to 1 ft. From ft. to ft. From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
 Direction from well? east How many feet? 2

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	9"	Concrete			
9"	11.5'±	Sand Fill			
11.5'±	13.5'±	Light Brown Silty 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) 11/17/92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. SID This Water Well Record was completed on (mo/day/yr) 12-29-92 under the business name of MIKON Corporation by (signature) David Kramer

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EW
SEC.