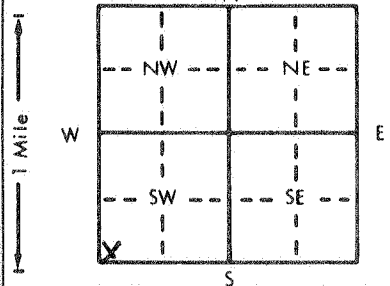


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 17 Township Number T 24 Range Number R 18

County: Allen Distance and direction from nearest town or city street address of well if located within city? 201 S State Street Iola KS

2 WATER WELL OWNER: Kern McGee Refining Corp RR#, St. Address, Box #: PO Box 3267 City, State, ZIP Code: Houston TX 77253 Board of Agriculture, Division of Water Resource Application Number:

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



4 DEPTH OF COMPLETED WELL: 22.5 ft. ELEVATION: 98.79

Depth(s) Groundwater Encountered 1. 15.72 ft. 2. — ft. 3. — ft.

WELL'S STATIC WATER LEVEL 15.72 ft. below land surface measured on mo/day/yr 9-22-93

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 22.5 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 X; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped

2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded

7 Fiberglass Threaded X

Blank casing diameter 2 in. to 12.0 ft., Dia — in. to — ft., Dia — in. to — ft.

Casing height above land surface 0.0 in., weight Sch 40 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement

2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)

2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 12.0 ft. to 22.0 ft., From — ft. to — ft.

GRAVEL PACK INTERVALS: From 11.0 ft. to 22.5 ft., From — ft. to — ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout intervals: From 0.0 ft. to 11.0 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)

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	0.5	concrete			
0.5	2.5	clay DK Gn			
2.5	11.0	silty clay Gr mottled Rd Br			
11.0	22.5	silty clay Rd Br			

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) 9-15-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 1-7-94 under the business name of Terracon Consultants Inc by (signature) Richard D. Murphy