

1 LOCATION OF WATER WELL:

County: Morton

Fraction SW 1/4 SW 1/4 SW 1/4

Section Number 25

Township Number T 34 S

Range Number R 40 EW

Distance and direction from nearest town or city street address of well if located within city?

4 miles south of Rolla, Kansas on paved county road, East side

2 WATER WELL OWNER:

Northern Natural Gas

RR1, Box 14

Hugoton, Ks. 67951

Board of Agriculture, Division of Water Resources

Application Number:

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

1 Mile

W

E

N

S

NW

NE

SW

SE

X

4 DEPTH OF COMPLETED WELL: 55 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. NA ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 0 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 7 5/8 in. to 55 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

vapor extraction

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 +30-20 ft. Dia 15-29' in. to 50-55' ft. Dia in. to ft.

Casing height above land surface +30 in. weight lbs./ft. Wall thickness or gauge No. sch. 40

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)

12 None used (open hole)

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

7 Torch cut

10 Other (specify)

SCREEN-PERFORATED INTERVALS:

From 10 ft. to 15 ft., From 20 ft. to 25 ft.

From 40 ft. to 50 ft., From ft. to ft.

GRAVEL PACK INTERVALS:

From 9 ft. to 15 ft., From 19 ft. to 25 ft.

From 39 ft. to 55 ft., From ft. to ft.

6 GROUT MATERIAL:

1 Neat cement

2 Cement grout

3 Bentonite

4 Other

Grout Intervals: From 0 ft. to 7(3) ft., From 7-9(3) ft. to 15-19(3) ft., From 25-39(3) 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 in excavation

9 Feedyard

12 Fertilizer storage

16 Other (specify below)

13 Insecticide storage

Direction from well?

How many feet? 0

FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS

0 1 snd, mod rd/brn, f-m, clyey, damp

1 7 snd, gy/brn, f-m, mod srted, tr grvl, clyey

7 15 snd, lt rd/brn, f-m, v clyey, damp

15 20 snd, lt rd/brn, f-m, mod srted, tr cly

20 30 snd, lt gy/brn, f-m, mod srted, mod clyey, tr calic

31 35.2 snd, lt gy, vf to f, w srted, damp

35.2 43 snd, lt pk/brn, f to m, w srted, damp

43 54 cly, lt brn, v sndy, damp

54 55 cly, mod brn, sl slty, tr snd, tight, tr calic, damp

MSV1

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) 11-02-93 and this record is true to the best of my knowledge and belief. Kansas

Water Well Contractor's License No. 527

This Water Well Record was completed on (mo/day/yr) 11-18-93

under the business name of GeoCore Services, Inc.