

1 LOCATION OF WATER WELL:

Fraction

NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$

Section Number

30

Township Number

T

24

S

Range Number

R 4

C/EW

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

1/4 south of Potwin, KS

2 WATER WELL OWNER: James E. Hennin

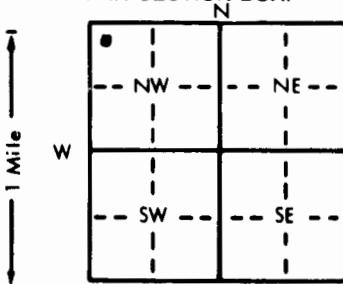
RR#, St. Address, Box #: 3030 01e Court NE

Board of Agriculture, Division of Water Resources

City, State, ZIP Code: Albuquerque, NM 87111

Application Number:

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



4 DEPTH OF COMPLETED WELL..... 90 ft. ELEVATION: 1313.4 ft.

Depth(s) Groundwater Encountered 1. 15.09 ft. 2. ft. 3. ft. ft.

WELL'S STATIC WATER LEVEL 15.09 ft. below land surface measured on mo/day/yr 6/13/88

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 2.5 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 7.7/8 in. to 90 ft., and 12.1/4 in. to 80 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 No

5 TYPE OF BLANK CASING USED:

Steel
2 PVC3 RMP (SR)
4 ABS

5 Wrought iron

8 Concrete tile

CASING JOINTS: Glued .X . Clamped .

6 Asbestos-Cement
7 Fiberglass

9 Other (specify below)

Welded .X .

Threaded .

Blank casing diameter See note attached

ft., Dia. in. to ft., Dia. in. to ft.

Casing height above land surface 1.84 ft. in., weight 8.1 Sched. 40 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel 3 Stainless steel
2 Brass 4 Galvanized steel

5 Fiberglass

8 RMP (SR)

10 Asbestos-cement

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

10 Other (specify) .

7 Torch cut

SCREEN-PERFORATED INTERVALS: From 16 ft. to 20.6 ft. From 57 ft. to 77 ft.

From 30 ft. to 49.6 ft. From 24 ft. to 26 ft.

GRAVEL PACK INTERVALS: From 13 ft. to 22 ft. From 24 ft. to 26 ft.

Native Fill 0 to 3 ft. From 28 ft. to 51 ft. From 54 ft. to 77 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other See attached note.

Grout Intervals: From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:

1 Septic tank 4 Lateral lines
2 Sewer lines 5 Cess pool
3 Watertight sewer lines 6 Seepage pit7 Pit privy
8 Sewage lagoon
9 Feedyard

10 Livestock pens

14 Abandoned water well

11 Fuel storage

15 Oil well/Gas well

12 Fertilizer storage

16 Other (specify below)

13 Insecticide storage

in a field

NONE

Direction from well? 3/4 southeast of well

How many feet? 50 ft.

FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	1	Silt, medium brown			cuttings.
1	2.5	Shale, yellow-tan, limey	21.5	22.5	Shale, pale purple-brown and gray
2.5	5	Shale			green. Pale purple brown shale
5	7	Shale, kaiki, limey			becomes brick-red w/depth
7	15	Shale, dark gray w/kaiki mottling grading down to kaiki w/dark gray mottling	22.5	25	Shale, brick red
15	21.5	Shaly limestone, light tan-green to light green-gray, thin inter- bedded tan calkly limestone and light green-gray shale w/limestone de- creasing w/depth, thin interbedded fracture-filled calcit veins w/ geodic banding. Managanese den- trites common on limestone and shale	25	27.5	Shale, gray-green interbedded w/brick red shale
			27.5	30	Shale, pale brown-pink, silty
			30	32.5	Shale, kaiki, hard
			32.5	35	Shale, dark gray to black w/gray green limestone layers
			35	37.5	Shale, light gray interbedded w/ tan limey shale and thin light gray limestone layers & some white geodic fracture fill.

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) March 2, 1988 and this record is true to the best of my knowledge and belief. Kansas

Water Well Contractor's License No. WWC-334 This Water Well Record was completed on (mo/day/year) 3/28/88

under the business name of Newbank Inc. by (signature) *John Newbank*

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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

37.5 to 42.5	Shale, dark gray with abundant white geodic fracture fill w/ occasional limestone layers
42.5 to 47.5	Limey siltstone/limestone interbedded thinly bedded, fissile, dark gray with geodic fracture fill.
47.5 to 51	Limestone, silty, very fine grained light gray with some interbedded dark gray limey silt.
51 to 56	Shale, dark gray to black, silty, fissile, hard w/some interbedded limestone.
56 to 66	Limestone, medium to dark gray with some interbedded dark gray limey siltstone and fissile shale layers. Limestone increasingly predominates with depth.
66 to 77.5	Shaly limestone, med. gray, silty
77.5 to 80	Shale, light green-gray
80 to 83	Shale, light brown
83 to 85	Shale, dark gray, hard
85 to 87.5	Shale, med. gray to green-gray with interbedded drak brown shale
87.5 to 90	Shale, red brown

Blank Casing

8" PVC - 0 to 16 ft
77 ft to 81 ft.

8" Steel Casing

22 ft. to 30 ft
49.6 to 57 ft.

Grout Material

1) Cement Grout
3 ft. to 11 ft.

2) Bentonite

Nature fill
0-3 ft.

11 ft. to 13 ft
22 to 24
26 to 28
51 to 54
54 to 56