

| | | | | | | | |
|---------------------------|--|--|--|--|----------------------|---------------------------|------------------------|
| 1 LOCATION OF WATER WELL: | | Fraction SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ | | | Section Number 31 | Township Number T 26 S | Range Number R 27 E |
|---------------------------|--|--|--|--|----------------------|---------------------------|------------------------|

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

From Cimarron, Ks. - 4 miles South, $1\frac{1}{2}$ miles East, $\frac{1}{4}$ mile North & $\frac{1}{4}$ mile East

2 WATER WELL OWNER: Carl Leatherwood

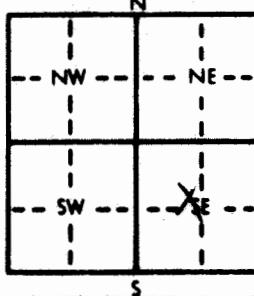
RR#, St. Address, Box # :

Board of Agriculture, Division of Water Resources

City, State, ZIP Code : Cimarron, Kansas 67835

Application Number:

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



4 DEPTH OF COMPLETED WELL 240 ft. ELEVATION:

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

WELL'S STATIC WATER LEVEL 105 ft. below land surface measured on mo/day/yr March 16, 1988

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

Est. Yield 500 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 32 in. to 240 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 XX If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes XXX No

5 TYPE OF BLANK CASING USED:

| | | | | |
|--------------|------------|-------------------|-------------------------|---|
| 1 Steel | 3 RMP (SR) | 5 Wrought iron | 8 Concrete tile | CASING JOINTS: Glued XX Clamped |
| 2 PVC | 4 ABS | 6 Asbestos-Cement | 9 Other (specify below) | Welded |
| 7 Fiberglass | | | | Threaded |

Blank casing diameter 16 in. to 240 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 12 in., weight 190 lbs./ft. Wall thickness or gauge No. SDR 21

TYPE OF SCREEN OR PERFORATION MATERIAL:

| | | | | |
|---------|--------------------|-----------------|------------|------------------------------------|
| 1 Steel | 3 Stainless steel | 5 Fiberglass | 7 PVC | 10 Asbestos-cement |
| 2 Brass | 4 Galvanized steel | 6 Concrete tile | 8 RMP (SR) | 11 Other (specify) |
| 9 ABS | | | | 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 120 ft. to 240 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to 240 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 0 ft. to 20 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: none 10 Livestock pens 14 Abandoned water well

| | | | | |
|--------------------------|-----------------|-----------------|------------------------|--------------------------|
| 1 Septic tank | 4 Lateral lines | 7 Pit privy | 11 Fuel storage | 15 Oil well/Gas well |
| 2 Sewer lines | 5 Cess pool | 8 Sewage lagoon | 12 Fertilizer storage | 16 Other (specify below) |
| 3 Watertight sewer lines | 6 Seepage pit | 9 Feedyard | 13 Insecticide storage | |

Direction from well? How many feet?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-----|---|------|----|----------------|
| 0 | 15 | Top soil & fine sand | | | |
| 15 | 30 | Fine sand & clay (3 ft.) | | | |
| 30 | 75 | Clay (3 ft.) & fine to medium sand | | | |
| 75 | 90 | Medium to coarse sand with some large gravel (very loose) | | | |
| 90 | 130 | Medium to coarse sand with some large gravel (very loose) | | | |
| 130 | 150 | Clay & medium sand (mostly clay) | | | |
| 150 | 165 | Clay (7 ft.) & fine to medium sand | | | |
| 165 | 180 | Fine sand & clay in layers | | | |
| 180 | 195 | Fine sand & clay in layers with medium sand | | | |
| 195 | 210 | Fine sand & clay layers | | | |
| 210 | 225 | " " " | | | |
| 225 | 240 | Clay & fine sand in layers | | | |
| 240 | 250 | Clay | | | |
| 250 | | Blue shale | | | |

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) May 24, 1988 and this record is true to the best of my knowledge and belief. Kansas

Water Well Contractor's License No. 179 This Water Well Record was completed on (mo/day/yr) May 25, 1988 under the business name of Joe's Well Service, Inc. Cimarron, Ks. by (signature) *Larry Cade*

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.