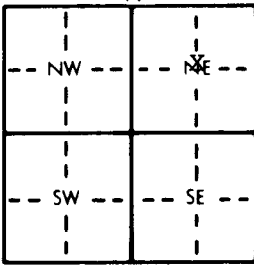


|   |  |                          |  |                |   |                 |  |                |  |
|---|--|--------------------------|--|----------------|---|-----------------|--|----------------|--|
| 1 LOCATION OF WATER WELL:   |  | Fraction Near Center     |  | Section Number |   | Township Number |  | Range Number   |  |
| County: Gray  |  | 1/4 <u>NE</u> 1/4 NE 1/4 |  | 18             |   | T 27 S          |  | R 30 <u>EW</u> |  |
| Distance and direction from nearest town or city street address of well if located within city?<br>Approximatley 11 miles North & 1/2 mile West of Copeland, Ks.  |  |                          |  |                |   |                 |  |                |  |
| 2 WATER WELL OWNER: Western Farms, Inc. C/O Lawrence Withers  |  |                          |  |                |   |                 |  |                |  |
| RR#, St. Address, Box # : Route #1, Box 68  |  |                          |  |                | Board of Agriculture, Division of Water Resources |                 |  |                |  |
| City, State, ZIP Code : Copeland, Ks. 67837   |  |                          |  |                | Application Number: 16,858                        |                 |  |                |  |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  |  |                          | 4 DEPTH OF COMPLETED WELL: 425' ft. ELEVATION:   |                |   |                 |  |                |  |
| <div style="text-align: center;">N<br/>1 Mile<br/>W E S</div>   |  |                          | Depth(s) Groundwater Encountered 1. 151' ft. 2. ft. 3. ft.                               |                |   |                 |  |                |  |
|   |  |                          | WELL'S STATIC WATER LEVEL: 132' ft. below land surface measured on mo/day/yr 12/26/89    |                |   |                 |  |                |  |
|   |  |                          | Pump test data: Well water was ft. after hours pumping gpm                               |                |   |                 |  |                |  |
|   |  |                          | Est. Yield 500 gpm: Well water was 410' ft. after 4 hours pumping 550 gpm                |                |   |                 |  |                |  |
|   |  |                          | Bore Hole Diameter: 30 in. to 425 ft. and in. to ft.                                     |                |   |                 |  |                |  |
| TYPE OF BLANK CASING USED:  |  |                          | CASING JOINTS: Glued Clamped   |                |   |                 |  |                |  |
| 1 Steel 3 RMP (SR)  |  |                          | 5 Wrought iron 8 Concrete tile   |                |   |                 |  |                |  |
| 2 PVC 4 ABS   |  |                          | 6 Asbestos-Cement 9 Other (specify below)  |                |   |                 |  |                |  |
| Blank casing diameter 16 in. to 425 ft. Dia 20 in. to 150-362 ft. Dia   |  |                          | 7 Fiberglass   |                |   |                 |  |                |  |
| Casing height above land surface 12 in. weight 16" - 42.05/20"-52.73 lbs./ft. Wall thickness or gauge No.   |  |                          | 10 Asbestos-cement   |                |   |                 |  |                |  |
| TYPE OF SCREEN OR PERFORATION MATERIAL:   |  |                          | 11 Other (specify)   |                |   |                 |  |                |  |
| 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR)   |  |                          | 12 None used (open hole)   |                |   |                 |  |                |  |
| 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS  |  |                          | 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                          |                |   |                 |  |                |  |
| SCREEN-PERFORATED INTERVALS: From 151' ft. to 191' ft. From 192' ft. to 232' ft.  |  |                          | 7 Torch cut 10 Other (specify)   |                |   |                 |  |                |  |
| GRAVEL PACK INTERVALS: From 233' ft. to 243' ft. From 365' ft. to 425' ft.  |  |                          | FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS  |                |   |                 |  |                |  |
| 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:   |  |                          | 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? South How many feet? 30'  |                |   |                 |  |                |  |
| 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) 12/19/89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 1/18/90 under the business name of Henkle Drilling & Supply Company, Inc. by (signature) Bruce Richman |  |                          |  |                |   |                 |  |                |  |
| 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, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.   |  |                          |  |                |   |                 |  |                |  |

M

Water Board.



# DRILLERS TEST LOG

CUSTOMER'S NAME: Lawrence Withers DATE: 9/26/88  
 STREET ADDRESS: Route #1, Box 68 TEST # 1 E. LOG Yes  
 CITY & STATE: Copeland, Ks. 67837 DRILLER Shelden  
 COUNTY Gray QUARTER NE SECTION 18 TOWNSHIP 27 RANGE 30  
 LOCATION 18' North of the Pivot.

## WELL LOCATION

| Z  | FOOTAGE |     |     | DESCRIPTION OF STRATA   | STATIC WATER LEVEL:              |  |
|----|---------|-----|-----|---|----------------------------------|--|
|    | From    | Pay | TO  |   | Proposed Well Depth:             |  |
|    | 0       |     | 2   | Top soil.   |                                  |  |
|    | 2       |     | 25  | Brown sandy clay & Caliche & fine sand streaks.                             |                                  |  |
|    | 25      |     | 39  | Sand fine.  |                                  |  |
|    | 39      |     | 62  | Brown sandy clay.   |                                  |  |
|    | 62      |     | 98  | Sand fine to medium coarse. Small to large gravel.                          |                                  |  |
|    |         |     |     | Cemented in places.   |                                  |  |
|    | 98      |     | 106 | Sand fine to medium coarse with few clay streaks.                           |                                  |  |
|    | 106     |     | 129 | Sand fine to medium coarse. Small to large gravel.                          |                                  |  |
|    | 129     |     | 138 | Brown sandy clay.   |                                  |  |
| 65 | 138     | 6   | 146 | Sand fine to medium coarse. Small to medium gravel.                         |                                  |  |
|    | 146     |     | 151 | Brown sandy clay.   |                                  |  |
| 60 | 151     | 12  | 163 | Sand fine to medium coarse. Small Brown & tan rock.                         |                                  |  |
|    | 163     |     | 166 | White clay.   |                                  |  |
| 50 | 166     | 4   | 170 | Sand fine to Small & Limerock.  |                                  |  |
|    | 170     |     | 182 | Brown sandy clay & Limerock ledges.   |                                  |  |
| 60 | 182     | 4   | 186 | Sand fine to medium coarse. Small brown rock.                               |                                  |  |
|    | 186     |     | 191 | Brown sandy clay.   |                                  |  |
| 60 | 191     | 8   | 199 | Sand fine to medium coarse. Small brown rock.                               |                                  |  |
|    | 199     |     | 200 | Clay.   |                                  |  |
| 55 | 200     | 23  | 223 | Sand fine to medium coarse.   |                                  |  |
| 30 | 223     | 14  | 237 | Brown sandy clay & fine sand streaks & Limerock ledges.                     |                                  |  |
|    | 237     |     | 242 | Yellow soapstone.   |                                  |  |
|    | 242     |     | 253 | Limerock ledges "Hard" & Soapstone streaks.                                 |                                  |  |
|    | 253     |     | 302 | Weathered shale, Black & Gray in color. Real hard ledges.                   |                                  |  |
|    |         |     |     | Brown clay sluffing off.  |                                  |  |
|    | 302     |     | 368 | Gray clay & streaks of Brown rock. Bit trip @360'. Back in with 4 1/2" Bit. |                                  |  |
| 75 | 368     | 49  | 417 | Sand fine to medium coarse. Small tan rock. Mixed Bran & O-Gel.             |                                  |  |
|    | 417     |     | 418 | Limestone ledge @ 417'.   |                                  |  |
|    | 418     |     | 440 | Gray Soapstone.   |                                  |  |
| 45 | 440     | 6   | 446 | Sand fine to medium.  |                                  |  |
| 15 | 446     | 67  | 513 | Gray soapstone & Dakota sand streaks. Drilled loose in places.              |                                  |  |
|    | 513     |     | 514 | Iron pyrite ledge @ 513'. Hard.   |                                  |  |
|    | 514     |     | 700 | Weathered shale & Limestone ledges.   |                                  |  |
|    |         |     |     | Changed Bits @ 570'.  |                                  |  |
|    |         |     |     | 1 - 4 3/4" Drag Bit   | WELL DEPTH = <del>425</del> 425' |  |
|    |         |     |     | 2 - 4 1/2" Drag Bit   | Set up West                      |  |
|    |         |     |     | 4 - 50# Bags Quick Gel  | Pit on North                     |  |
|    |         |     |     | 1 - 100# Bag Bran   |                                  |  |
|    |         |     |     | 1 - Dry Hole Plug   |                                  |  |

GARDEN CITY, KS 67846  
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.

316-277-2389

IRRIGATION HEADQUARTERS

TEST HOLES \* \* \* \* \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* \* STOCK WELLS