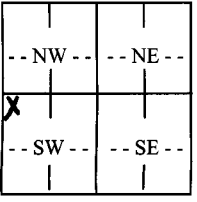


WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

| | | | | |
|--|---|--|---------------------------------|--|
| 1 LOCATION OF WATER WELL: County: <u>Norton</u> | Fraction <u>NW 1/4 NW 1/4 SW 1/4</u> | Section Number <u>31</u> | Township Number <u>T 3 S</u> | Range Number <u>R 22</u> X W |
| Distance and direction from nearest town or city street address of well if located within city? <u>6 miles south and 2 miles east of Norton, KS</u> | | Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>39° 44' 47.7"</u> Longitude: <u>-99° 51' 01"</u> Elevation: _____ Datum: _____ Data Collection Method: <u>Handheld</u> | | |
| 2 WATER WELL OWNER: <u>Persinger Farms LLC</u> RR#, St. Address, Box # : <u>24673 Hwy 283</u> City, State, ZIP Code : <u>Lenora, KS 67645</u> | | | | |

| | |
|--|--|
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N  W E S | 4 DEPTH OF COMPLETED WELL <u>256</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>123</u> ft. below land surface measured on mo/day/yr. <u>3-25-2009</u> . Pump test data: Well water was.....ft. after..... hours pumping..... gpm Est. Yield... <u>25</u> ...gpm: Well water was... <u>131</u> ...ft. after... <u>1</u> ... hours pumping..... <u>25</u> gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well <u>1 Domestic</u> 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u>; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes No |
|--|--|

| | | |
|---|---|---|
| 5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement <u>2 PVC</u> 4 ABS 7 Fiberglass | 5 Wrought Iron 8 Concrete tile 9 Other (specify below) | CASING JOINTS: Glued.. <u>X</u> Clamped..... Welded..... Threaded..... |
| Blank casing diameter <u>5</u> in. to <u>220</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface..... <u>18</u> in., Weight lbs./ft. Wall thickness or gauge No. | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 9 ABS 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) | | |
| SCREEN OR PERFORATION OPENINGS ARE: <u>1 Continuous slot</u> 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) | | |
| SCREEN-PERFORATED INTERVALS: From..... <u>220</u> ft. to <u>256</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. | | |
| GRAVEL PACK INTERVALS: From... <u>20</u> ft. to <u>256</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. | | |

| | | |
|--|---|--|
| 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other | Grout Intervals: From <u>0</u> ft. to <u>20</u> ft., From ft. to ft., From ft. to ft. | |
| What is the nearest source of possible contamination: <u>1 Septic tank</u> 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well Direction from well? <u>North</u> How many feet? <u>100'</u> | | |

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|----|---------------------|------|----|--------------------|
| | | Attached Log | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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) 3-25-2009... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 433..... This Water Well Record was completed on (mo/day/year) 4-9-2009..... under the business name of Sargent Irrigation by (signature)

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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

Sargent Irrigation

WELL AND PUMP SERVICE

PO Box 268
Holdrege, NE 68949

825 Brewster Road

Phone: (308) 995-6143
1-800-860-2946

TEST HOLE LOG

| | |
|---|---------------------------|
| CUSTOMER: Steve Persinger | |
| WELL ID: | |
| LOCATION: SW ¼, 31-T3N-R22W, Norton Co., KS | |
| LATITUDE: 39° 44' 47.7" | |
| LONGITUDE: -99° 51' 01" | |
| FOOTAGES: | |
| DATE: 3/25/09 | DRILLED BY: Kent Matousek |

SWL: 123'
PWL: 131'
GPM: 25

| <u>from feet</u> | <u>- to feet</u> | |
|------------------|------------------|--|
| 0 | 20 | Top soil, fine sand and sandy clay |
| 20 | 28 | Fine sand and sandy clay |
| 28 | 34 | Medium sand |
| 34 | 40 | Cemented sand and limestone |
| 40 | 60 | Cemented sand and limestone with thin clay layers |
| 60 | 62 | Cemented sand and limestone |
| 62 | 92 | Fine to medium sand and sandstone |
| 92 | 122 | Sandy clay with fine sand layers |
| 122 | 138 | Fine sand with sandy clay layers |
| 138 | 140 | Sandy clay with fine sand layers |
| 140 | 177 | Fine to medium sand with sandy clay layers |
| 177 | 180 | Sandy clay with fine to medium sand layers |
| 180 | 200 | Fine to medium sand with traces of sand stone and sandy clay |
| 200 | 220 | Medium sand with traces fine sandstone |
| 220 | 240 | Medium sand with traces sandy clay |
| 240 | 257 | Medium sand |
| 257 | 260 | Sandy clay |
| 260 | 280 | Fine to medium sand with layers sandy clay |
| 280 | 300 | Fine sand with layers sandy clay and traces ochre |

Well Information: Domestic, Stock

Well depth: 256'
Plain casing: 220'
Perf. Set: 220'

Bore hole: 10"
Perf. casing: 40'
Gravel: 20'-256'

Casing size: 5"
Slot size: .25
Grout: 0-20'