USE TYPE IRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD KSA 82a-1201-1215

Kansas Department of Health and Environment-Division of Environment (Water well Contractors) Topeka, Kansas 66620

| | County | Fraction | Section number | | number | Township number | Range number | | |
|--|-------------------------------|--|---|--|--------|---|---|--------------------------|--|
| 1. Location of well: | Seward | W 1/4 NW 1/4 SW | 1/4 | 13 | 2 | T 34 s | R 33 | €₩ | |
| 2. Distance and dire | 3. Owner of well: | | | Eugene McAhren | | | | | |
| 23/4 MilesNaE of Liberal, Kansas. Street address of well location if in city: | | | R.R. or street: City, state, zip code: | | ode: | Liberal, Kansas 67901 | | | |
| 4. Locate with "X" in section below: N | | | | 6. Bore hole dia. 26 in. Completion date Well depth 293 ft9/6/78 | | | | | |
| | | | | 7 Cable tool Rotary Driven Dug Hollow rod Jetted Bored 🗶 Reverse rot | | | e rotary | | |
| . Wile . | | 8. Use: Domestic Public supply Industry **_ Irrigation Air conditioning Stock | | | | :k | | | |
| sw | | 9. Casing: Materia Steel Height: Above or belo | | | low | | | | |
| S 1 Mile 1 | | | | | | RMPPVCWeight 36 . 91 lbs./ft. Dia 16 in. to 293 ft. depth Wall Thickness: inches or | | | |
| | 5. Type and color of material | | | From | То | Dia in. to ft. dep | th gage No21 | 9 | |
| See Attachment | | | | | | Johnson Screen Type Continuous Dia. 16" | | | |
| | | | | | | Slot gauze100 Set between230 | _ Length 50 ' _ft. and 250 | ft. | |
| | | | | | | 255'-265 ft. Gravel pack? YesSize ra | and 270'-29 | O'ft. | |
| | | | | | | 11. Static water level: 208 ft. below land su | face Date 9/1 | /day/yr. 1/7 8 | |
| | | | | ļ | | 271 ft. after | hrs. pumping 1.335 | | |
| | | | | | | ft. after Estimated maximum yield | 1,300 | g.p.m. g.p.m. | |
| | | | | - | | 13. Water sample submitted: Yes X No | _ | /day/yr. | |
| | | 9 H | | | | 14. Well head completion: Pitless adapter | 12 Inches above g | grade | |
| | | | | | | 15. Well grouted? Yes With: Neat cement 2 Depth: From 0 ft. to | Bentonite C 10 _ ft. | oncrete - | |
| | | | | | | 16. Nearest source of possible ft Direction | e contamination: NO | ne served | |
| | | | | | | Well disinfected upon compl | etion?Yes | X N₀ | |
| | | | | | | 17. Pump: Manufacturer's name | Not installed | | |
| | | | | | | Model number Length of drop pipe Type: | — HP — Volt — ft. capacity — | | |
| | | | | | | Submersible | Turbine | | |
| (Use a second sheet if needed) | | | | | | Jet Centrifugal | Recipro | cating | |
| 18. Elevation: 19. Remarks: | | | | | | 20. Water well contractor's This well was drilled under n | | report | |
| X Flat | x Flat Topography: | | | | | is true to the best of my know Henkle Dril | | 145 ≨ | |
| Hill Slope | | | | | | Business name | | ense No. | |
| Upland Valley | | | | | | Signed Authorited re | presentative | 2/ T4/ 18 | |

ARS TEST LOG

| CUSTOMERS Eugene McAhren DATE 8/3/78 | | | | | | | | |
|--|--|---------------|--|---|--|--|--|--|
| STREET ADDRESS TEST # 2 E. LOG Y | | | | | | | | |
| CITY & STATE Liberal, Kansas DRILLER Rector | | | | | | | | |
| CITY & STATE Liberal, Kansas DRILLER Rector COUNTY Seward QUARTER SW SECTION 12 TOWNSHIP 34 RANGE 33 | | | | | | | | |
| LOCATION 1.320 ft South of the NW corner of the 1/4. | | | | | | | | |
| | ent & | | | WELL LOCATION | | | | |
| % FOOTAGE | | | | Static Water Level | | | | |
| | From | | | DESCRIPTION OF STRATA Proposed Well Depth | | | | |
| | 0 | | 2 | Top Soil | | | | |
| | 2 | | 20 | Sand | | | | |
| | 20 | | 40 | Brown sandy clay | | | | |
| | 40 | | 77 | Brown clay and caliche. | | | | |
| | 77 | | 93 | Sand fine to med coarse - loose. | | | | |
| | 93 | | 145 | Brown clay and caliche. | | | | |
| 60 | | | 233 | Sand fine to med coarse and small gravel. | | | | |
| <u> </u> | 233 | - | 237 | Brown clay and sand - drilled firm. | | | | |
| _55_ | 237 | 12 | 249 | Sand fine to med coarse and small gravel. Loose - | | | | |
| | | | | used water. | | | | |
| ļ | 249 | | 255 | Brown clay | | | | |
| 55 | | | | Sand fine to med coarse and small gravel. | | | | |
| | 264 | | 270 | Brown clay | | | | |
| 60 | | 20 | | Sand fine to med coarse and small gravel. | | | | |
| | 290 | | 340 | Brown and blue clay with coarse sts of sand and a | | | | |
| <u> </u> | | ļ | | few hard ledges. | | | | |
| ļ | 340 | ļ | 360 | Brown and blue clay - murky & sticky. | | | | |
| | 360 | | 420 | Blue clay with very few sand sts sticky. | | | | |
| 30 | 420 | 15 | 435 | Sand with some coarse and blue clay. | | | | |
| | 435 | | 460 | Blue clay - sticky. | | | | |
| - | | 89 | | | | | | |
| - | | | | | | | | |
| | | 1 | | | | | | |
| | | + | | TOTAL DEPTH OF WELL 293' | | | | |
| } | - | + | - | Set up facing South | | | | |
| - | | + | | Dig pit on the West | | | | |
| | | + | | | | | | |
| - | - | - | 1 | | | | | |
| | 1 | 1- | | | | | | |
| | 1 | | <u> </u> | | | | | |
| | 1 | 1 | | | | | | |
| | 1 | _ | + | | | | | |
| | | 1 | | | | | | |
| - | | 1 | - | | | | | |
| 1 | 1 | 1 | 1 | | | | | |
| | 1 | _ | | | | | | |
| | 1 | | | | | | | |
| | 1 | | 1 14,0 | | | | | |

GARDEN CITY, KS Phone 276-3278 TEST HOLES * * * HENKLE DRILLING & SUPPLY CO., INC. IRRIGATION HEADQUARTERS

SUBLETTE, KS Phone 675-4311 * * STOCK WELLS

*IRRIGATION & INDUSTRIAL WELLS * *