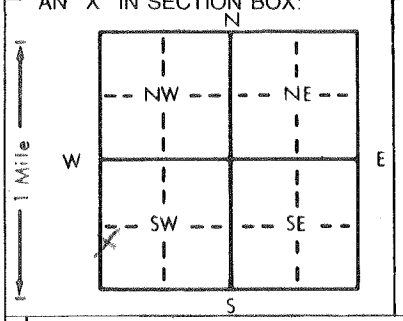
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Kearny | Fraction: NW ¼ SW ¼ SW ¼ | Section Number: 30 | Township Number: T 24 S | Range Number: R 35 E(W)

Distance and direction from nearest town or city street address of well if located within city?
Approx. 2 miles east of Lakin

2 WATER WELL OWNER: Anthony Unrein Trust
RR#, St. Address, Box # : 401 East El Valle
City, State, ZIP Code : Green Valley, Arizona 85614
Board of Agriculture, Division of Water Resource
Application Number: KE 042 & 2663

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




4 DEPTH OF COMPLETED WELL 330 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 40 ft. below land surface measured on mo/day/yr July 1, 1982
Pump test data: Well water was 84 ft. after 4 hours pumping 1880 gpm
Est. Yield +2000 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 26 in. to 330 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued Clamped Welded X Threaded
Blank casing diameter 16 in. to 330 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12 in., weight 36.91 lbs./ft. Wall thickness or gauge No. .219

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 160-180 ft. to 187-227 ft., From 237-327 ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 10 ft. to 330 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 10 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: None Observed
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? How many feet?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|---|---|---|---|---|---|
| | | See Attatched 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) June 24, 1982 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) July 13, 1982 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Reichmuth

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

# DRILLERS TEST LOG

CUSTOMERS NAME William Esfield & Unrein Trust DATE 4-19-82
STREET ADDRESS _____ TEST # 1 E. LOG Yes
CITY & STATE _____ DRILLER Mai
COUNTY Kearny QUARTER SW SECTION 30 TOWNSHIP 24 RANGE 35

LOCATION 75' No of N. Battery 1290' N & 45' E of SW Corner
Power line 25' W Abandoned Gas line 8" West of test

| % | FOOTAGE From | Pay | To | WELL LOCATION DESCRIPTION OF STRATA — Static Water Level _____ Proposed Well Depth _____ |
|---|---|---|---|---|
| | 0 | | 0 | Top Soil |
| | 2 | | 10 | Brown clay few fine sandstks. |
| | 10 | | 60 | Sand - fine to med coarse small to large gravel |
| | | | | used water mud heavy, rough in places, loose |
| | 60 | | 95 | Sand - fine to med coarse small gravel small clay stks. |
| | 95 | | 113 | Gray & brown clay |
| | 113 | | 155 | Brown sandy clay & sand stks few sticky clay stks |
| 60 | 155 | 25 | 180 | Sand - fine to med coarse small & few, med gravel few clay stks |
| | | | | cemented in places |
| | 180 | | 186 | Brown & tan sandy clay, small sand stks |
| 65 | 186 | 41 | 227 | Sand - fine to med coarse small to med gravel, loose few |
| | | | | loose few clay stks. |
| | 227 | | 236 | Brown clay |
| 65 | 236 | 20 | 256 | Sand - fine to med coarse med small & small brown gravel few |
| | | | | white rock & small clay stks. |
| 55 | 256 | 14 | 270 | Sand - fine to med coarse few med small gravel clay stks & white |
| | | | | ledges. |
| 70 | 270 | 50 | 320 | Sand - fine to med coarse med small & small brown gravel |
| | | | | very few clay stks. |
| 30 | 320 | 8 | 328 | Soapstone & sandstone stks, hard |
| | 328 | | 340 | Shale |
| | | | | |
| | | 148 | | |
| | | | | 5 sacks Quik-Gel |
| | | | | ½ Sack lime |
| | | | | Set up north pits east |
| | | | | Total depth 330' |