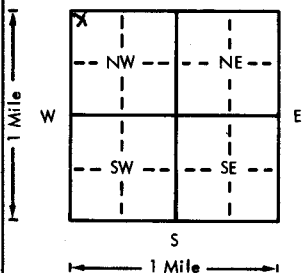


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

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

| 1. Location of well: | | County Sherman | Fraction NW 1/4 NW 1/4 NW 1/4 | Section number 4 | Township number T 9 S | Range number R 40 E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|--|---|--|---------------------------------|-------------------------------|-----------------|----------|-----------|-------------------|-----------|-----------|----------------------------|-----------|------------|-----------------------|------------|------------|-----------------------------|------------|------------|--------------------------------|------------|------------|-------------|------------|------------|------------------|------------|------------|------------------------------------|------------|------------|----------------------------|------------|------------|---------------------------------|------------|------------|----------------------|------------|------------|--------------------------------|------------|------------|----------------------|------------|------------|---------------------------------------|------------|------------|---------------------------|------------|------------|-----------------------------|------------|------------|-------------|------------|------------|--|------------|------------|------------------|------------|------------|-------------|------------|------------|---|--|--|
| 2. Distance and direction from nearest town or city: 2 miles West, 2 south, 3 1/2 west, 1/8 mile south of Street address of well location if in city: Goodland, Kansas | | | | 3. Owner of well: Vernon Irvin R.R. or street: 923 Arcade City, state, zip code: Goodland, Kansas 67735 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Locate with "X" in section below: | | Sketch map: | | 6. Bore hole dia. 30 in. Completion date 3-22-76 Well depth 361 ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | NW 1/4 NW 1/4 NW 1/4, Sec. 4, Twp 9, Rge 40 | | 7. <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Type and color of material | | | | 8. Use: <input type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th></th><th>From</th><th>To</th></tr></thead><tbody><tr><td>Top Soil</td><td>0</td><td>15</td></tr><tr><td>sandy clay</td><td>15</td><td>67</td></tr><tr><td>clay, rock and sand</td><td>67</td><td>137</td></tr><tr><td>medium to good</td><td>137</td><td>142</td></tr><tr><td>sand, rock, and clay</td><td>142</td><td>158</td></tr><tr><td>medium sand loose clean</td><td>158</td><td>166</td></tr><tr><td>clay</td><td>166</td><td>178</td></tr><tr><td>sand rock</td><td>178</td><td>182</td></tr><tr><td>medium to good fairly loose</td><td>182</td><td>197</td></tr><tr><td>sandy clay and rock</td><td>197</td><td>218</td></tr><tr><td>medium sand fairly tight</td><td>218</td><td>224</td></tr><tr><td>rock and clay</td><td>224</td><td>247</td></tr><tr><td>fine medium loose clean</td><td>247</td><td>253</td></tr><tr><td>clay and rock</td><td>253</td><td>278</td></tr><tr><td>fine sand and sand rock porous</td><td>278</td><td>293</td></tr><tr><td>clay and hard rock</td><td>293</td><td>298</td></tr><tr><td>very fine sand clean</td><td>298</td><td>323</td></tr><tr><td>clay</td><td>323</td><td>336</td></tr><tr><td>good fine to medium loose clean</td><td>336</td><td>347</td></tr><tr><td>soapstone</td><td>347</td><td>354</td></tr><tr><td>blue</td><td>354</td><td>361</td></tr></tbody></table> | | | | | From | To | Top Soil | 0 | 15 | sandy clay | 15 | 67 | clay, rock and sand | 67 | 137 | medium to good | 137 | 142 | sand, rock, and clay | 142 | 158 | medium sand loose clean | 158 | 166 | clay | 166 | 178 | sand rock | 178 | 182 | medium to good fairly loose | 182 | 197 | sandy clay and rock | 197 | 218 | medium sand fairly tight | 218 | 224 | rock and clay | 224 | 247 | fine medium loose clean | 247 | 253 | clay and rock | 253 | 278 | fine sand and sand rock porous | 278 | 293 | clay and hard rock | 293 | 298 | very fine sand clean | 298 | 323 | clay | 323 | 336 | good fine to medium loose clean | 336 | 347 | soapstone | 347 | 354 | blue | 354 | 361 | 9. Casing: Material steel Height: Above or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 12 in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight 36 lbs./ft. Dia. 16 in. to 361 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 219 | | |
| | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top Soil | 0 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sandy clay | 15 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| clay, rock and sand | 67 | 137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| medium to good | 137 | 142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sand, rock, and clay | 142 | 158 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| medium sand loose clean | 158 | 166 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| clay | 166 | 178 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sand rock | 178 | 182 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| medium to good fairly loose | 182 | 197 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sandy clay and rock | 197 | 218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| medium sand fairly tight | 218 | 224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rock and clay | 224 | 247 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine medium loose clean | 247 | 253 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| clay and rock | 253 | 278 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine sand and sand rock porous | 278 | 293 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| clay and hard rock | 293 | 298 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| very fine sand clean | 298 | 323 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| clay | 323 | 336 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| good fine to medium loose clean | 336 | 347 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| soapstone | 347 | 354 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| blue | 354 | 361 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 10. Screen: Manufacturer's name Lakewood Pipe of Texas Type steel Dia. 16 Slot/gauze slot 2" Length 160 Set between 201 ft. and 361 ft. Gravel pack? yes Size range of material 1/4 X 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 11. Static water level: 123 ft. below land surface Date 3-24-76 12. Pumping level below land surfaces: 183 ft. after 6 hrs. pumping 1500 g.p.m. ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield 1500 g.p.m. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 13. Water sample submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 14. Well head completion: <input type="checkbox"/> Pitless adapter <input type="checkbox"/> Inches above grade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 15. Well grouted? <input type="checkbox"/> With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 10 ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 16. Nearest source of possible contamination: none ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type <input type="checkbox"/> Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 17. Pump: <input type="checkbox"/> Not installed Manufacturer's name Byron Jackson Model number <input type="checkbox"/> HP 125 Volts <input type="checkbox"/> Length of drop pipe 350 ft. capacity 1000 g.p.m. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. Elevation: | | 19. Remarks: | | 20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Northwest Drilling Co., Inc. Business name Goodland, Kans. License No. 67735 Address Goodland, Kans. 67735 Signed Ben Hays Date 1-4-77 Authorized representative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Topography: <input type="checkbox"/> Hill <input checked="" type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley | | 3725 (TOPO) 3725 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |