Well Information - Rock Wells



Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

| City Sheffield State Iowa Well No: 4 Drillers: Wayne LaFontaine Well Location: 1800 ft. (E) and 800 ft. (N) of the 5.W. corner the 5.W. for Section 4, Twp. 7-93 (N), Range 8-20 (W) FRENKLIN County Otherwise located as West of water tower 200' |
|--|
| Well Location: 1800 ft. (E) and 800 ft. (N) of the 5.W. corner the SW 1/4 of Section 4, Twp. 7-9.3 (N), Range 8-20 (W) FRANKLIN County Otherwise located as West of water tower 200' |
| the SW 1/4 of Section 4, Twp. 7-9.3 (N), Range 2-20 (W) FRENKLIN County Otherwise located as West of water tower 200' |
| Otherwise located as West of water tower 200' |
| 303 to 326 Dark brown hard limestone 326 to 341 Gray hard limestone 341 to 354 Gray bard limestone and shale |
| |
| |
| Work Began: 2-21-80 Work Completed: 4-4-80 |
| Casing Record: One of the control o |
| Amount Dia. Wt. or Thickness Material |
| 37' 20" Sch. 40 Steel with welded joints from to |
| 193' 10" Sch. 40 Steel with welded joints from to |
| withjoints fromto |
| with joints from to |
| Hole Record: |
| 20" inch from 0 to 121' |
| 18" inch from 121' to193' |
| 10" inch from 193' to 446' |
| inch from to |
| inch from to bottom of hole |
| Cementing Record: 360 sacks grout |
| Cementing Record |
| Well Test Data: Static Level 3'; pumping level 178' after 24 hours pumping at 305 g.p. |
| Length of test 24 hrs. See Well Test Data Sheet Dated 4-1 & 2-80 |
| |
| Remarks: |
| |

WELL LOG

| Feet | Fect | Description |
|--------------------|----------|--|
| 0 | 1 | Sandy top soil |
| 1 10 | 28 | Coarse sand & gravel |
| 28 to | 30 | Gray clay |
| 30 to | 37 | Gray hard limestone |
| $\frac{30}{37}$ to | 46 | Gray hard shale and limestone |
| | 53 | Gray very hard limestone |
| 53 to | 56 | Gray hard limestone and shale |
| $\frac{35}{56}$ to | 65 | Control of the contro |
| ** | | Gray med. shale |
| 65 to | 95 | Gray hard limestone and shale |
| 95 to | 124 | Gray hard limestone |
| 124 to | 158 | Gray hard shale and limestone |
| 158 to | 171 | Gray hard limestone |
| 171 | 232 | Brown & gray hard limestone |
| 232 to | 238 | Dark brown hard limestone |
| 238 | 286 | Gray hard limestone |
| 286 | 303 | Brown & gray hard limestone |
| 303 to | 326 | Dark brown hard limestone |
| 326 | 341 | Gray hard limestone |
| 341 | 354 | Gray hard limestone and shale |
| 354 to | 382 | Dark brown hard limestone |
| 382 to | 396 | Gray hard limestone and shale |
| 396 to | 438 | Gray hard limestone |
| | 446 | The state of the s |
| to |) -440 | Gray hard limestone and shale |
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