## Well Information - Rock Wells



## Layne-Western Company, Inc.

## WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

| Name of Job_   | LeGrand          | enojesm        |            | Clay - Sh  | Date     | 1/09/     | 78                                      |             |
|--|------------------|----------------|------------|------------|----------|-----------|---|-------------|
| City   | LeGrand          | esimolod (     | State      | Iowa       | 7 05     | <u>cr</u> |   |             |
| Well No:   | 4 Drillers       | Mead,          | Frazier    | & Spurgeo  | on .     |           | 00                                      | 12          |
| Well Location  | :ft              | () and_        | OUESMELL   | ft. (      | ) of the |           | 28 - C\<br>- \ \ E                      | _ corner of |
| the  | of Section, Twp  | de Bas Bas     | , Range_   | ()_        |          | er i      | 1 - 08<br>08                            | County.     |
| Otherwise loca   | ited as          |                | estone     | Sandy Lan  | i ne     | 220       | 7 - 20<br>20<br>F 3                     | 00          |
|  |                  |                |            |            |          |           |   |             |
| Work Began:  | 11/16/7          | 7              | Work       | Completed: | 12/      | 17/77     | 1                                       |             |
| Casing Record  | :                |                |            |            |          |           |   |             |
| Amount   | Dia. Wt. or Thic | kness Mate     | rial       |            |          |           |   |             |
|  | 16 Sch.          | 40             | with       | 4 joints   | from     | 0         | to _                                    | 77          |
| 1632   | 10 3/4 Sch.      | 40             | with _     | 42 joints  | from     | 0         | to _                                    | 1632        |
| Many and Advance of the Advance of t |                  | <u> </u>       | with       | joints     | from     |           | to _                                    |             |
| Manual Confession (Manual Confession)  |                  |                | with       | joints     | from     |           | to _                                    |             |
| Hole Record:   |                  |                |            |            |          |           |   |             |
| 0  | inch from        | 0              | to .       | 78         |          |           |   |             |
| 15   | inch from        | 78             | to _       | 1640       | -        |           |   | - 3         |
| 90   | inch from        | 1632           | to _       | 2200       |          |           |   |             |
|  | inch from        |                | to,_       |            |          |           |   |             |
|  | inch from        |                | to _       |            |          | bottom    | of hole                                 | e           |
| Cementing Re   | cord:            |                |            |            |          | 0         | *************************************** | -           |
| Name and the light particular of the desired and the state of the stat |                  |                |            |            |          | -         | National and Alexander                  |             |
| Well Test Da   | ta: Static Level | _; pumping lev | rel        | after      | _hours p | umping    | at                                      | g.p.m.      |
| Length of tes  | thrs. See W      | Vell Test Data | Sheet Date | ed         |          | - 0       |   |             |
| Remarks:   |                  | *              |            |            | -        | 9         |   |             |
|  |                  |                |            |            |          | 0         | 1                                       |             |

## WELL LOG

| Top Soil  | Feet   | Fect   | Description  |
|---|--|--|--|
| Sale with some limestone and coal   Sale    |  |  |  |
| 135   |  |  |  |
| 135   | to   | 135  |  |
| ## 404  | 135to  | 404  |  |
| Add   189   | 404 +0   | 403  |  |
| Tight   Tigh  | 463  | 789  |  |
| 190   | 789 to   | 1190   | Clay - Shale, limestone  |
| 1200 to   1276  | 1190   | 1220   |  |
| 1260  | 1220   | 1260   |  |
| 1376  | 1260   | 1276   | Limestone Shale  |
| 1375 to 1532 Sand 1532 to 1640 Limestone 1640 to 1970 Limestone 1970 to 2046 Limestone 2046 to 2163 Sand 2163 to 2200 Sandy Limestone  to t   | 1276   | 1375   | Limestone  |
| 1497 to 1532 Sand 1532 to 1640 Limestone 1970 Limestone with sand and shale 2046 to 2163 Sand 2163 to 2200 Sandy Limestone  to t  | 1375   | 1497   | Dolomite limestone with some shale   |
| 1532  | 7/07   | 1533   | Sand   |
| 1640  | 1532   | 1640   | Limestone  |
| 1970  | 1610   | 1970   | Limestone with sand and shale  |
| 2046 to 2163 Sand 2163 to 2200 Sandy Limestone  to t  | 1970   | 2046   | Limestone  |
| 2163 to   2200   Sandy Efficience   | 2046   | 2163   | Sand   |
|   | 1 6 1  | /////  | Sandy Limestone  |
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