| STATE ENGINEER Salem, Oregon MORN 189   | Well Record                     | STATE WELL NO. 2/27-31R COUNTY Morrow APPLICATION NO. G-1087   |          |  |
|---|---------------------------------|--|----------|--|
| OWNER: City of Heppner  | MAILING<br>ADDRESS:<br>CITY AND |  |          |  |
| LOCATION OF WELL: Owner's No.   | 3 STATE:                        | Heppner, Oregon  |          |  |
| SE ¼ SE ¼ Sec. 31 T. 2 S., F  | E. W.M.                         |  | !        |  |
| Bearing and distance from section or subdi-                                     |                                 | 1  |          |  |
| corner  |                                 |  |          |  |
|   |                                 | <u> </u>   |          |  |
|   |                                 |  |          |  |
| Altitude at well  |                                 |  | e<br>R,  |  |
| TYPE OF WELL: drilled Date Const  | ructed 5/27/52                  |  |          |  |
| Depth drilled 159 ft. Depth cased   |                                 | Section31  | <u>L</u> |  |
| FINISH:  AQUIFERS: Basalt porous zones be                                       | etween 104 to 133<br>133 to 141 |  |          |  |
|   | 146 to 159                      | - Control of the Cont |          |  |
| WATER LEVEL: 25 ft. below lar   | nd surface (rpt. 8/5/           | 52)  | t        |  |
| PUMPING EQUIPMENT: TypePeerl Capacity   | Less turbine 6 inch             |  | H.P. 20  |  |
| WELL TESTS: Drawdown100 ft. after   | hours                           | pumping 238  | G.P.M    |  |
| Drawdown129 ft. after   |                                 |  |          |  |
| USE OF WATER munician SOURCE OF INFORMATION Victor DRILLER or DIGGER A. A. Dura | or Groshens - City Sup          | erintendent  | , 19     |  |

REMARKS:

## STATE ENGINEER Salem, Oregon

| State Well No.  | 2/27 <b>-</b> 31R |
|-----------------|-------------------|
| County          |                   |
| Application No. |                   |

## Well Log

| ner: City of Heppner                  | •                                 | wner's No  | .#2                 |
|---------------------------------------|-----------------------------------|------------|---------------------|
| ller: A. A. Durand                    | Date Drille                       | ed May 27. | 1952                |
| CHARACTER OF MATERIAL                 | (Feet below land surface) From To |            | Thickness<br>(feet) |
| Boulders & gravel                     | 0                                 | 31         | 31                  |
| Basalt                                | 31                                | 45         | 14                  |
| Basalt, med. to soft (some water)     | 45                                | 58         | 13                  |
| Basalt, very hard, coarse black       | 58                                | 63         | 5                   |
| Basalt, very hard to med, hard        | 63                                | 80         | 17                  |
| Basalt, very hard                     | 80                                | 100        | 20                  |
| Basalt, quartz, shells                | 100                               | 104        | 4                   |
| Basalt, med, hard, sandy (water)      | 1.04                              | 133        | 29                  |
| Basalt, (mixed with granite)?(water)  | 133                               | 146        | 13                  |
| Basalt, porous - water hearing        | 146                               | 159        | 13                  |
|                                       |                                   |            |                     |
|                                       |                                   |            |                     |
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