| STATE ENGINEER Salem, Oregon MARK 317 | Well Record | STATE WELL NO. 3/28#-29J COUNTY Morrow APPLICATION NO. GR-3052 | | |
|---|---------------------------|--|--|--|
| OWNER:Victor_Groshens | MAILING ADDRESS: | City of He | ppner | |
| City Superintendent LOCATION OF WELL: Owner's No. | | Heppner, Ore | gon | |
| NE ¼ SE ¼ Sec. 29 T. 3 | M. E. S., R28 W., W.M. | | 1 | |
| Bearing and distance from section or su | ıbdivision | | | |
| corner 2030 feat North and 190 f | Ceet West of the SE | | | |
| Corner, Section 29. | | | | |
| | | | J | |
| Altitude at well 2870 feet | <u> </u> | | | |
| TYPE OF WELL: Drilled Date Co | nstructed1932 | | 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4 | |
| Depth drilled 352 feet Depth ca | | Section | 29 | |
| FINISH: | | | | |
| AQUIFERS: | | | | |
| rock | | ٠ | | |
| WATER LEVEL: 90 feet | | | | |
| PUMPING EQUIPMENT: Type 6" I Capacity500 G.P.M. | Peerless Turbine | | H.P | |
| WELL TESTS: Drawdown ft. after | hours | 3 | G.P.M. | |
| | hours | | | |
| USE OF WATER Minicipal SOURCE OF INFORMATION GI DRILLER or DIGGER R. G. Str | R-4033 | | | |
| ADDITIONAL DATA: Logx Water Level Measure | | | | |

REMARKS:

STATE ENGINEER Salem, Oregon

| State ' | Well No. | 3/28 #- 29J |
|---------|-----------|--------------------|
| Count | y Morr | OW |
| Applic | ation No. | GR-3052 |

Well Log

| | Owner: Victor Groshens, City Superintendent | | | | |
|--|---|----------------|--------------------|---------------------|--|
| | Driller: R. G. Strasser, Portland, Oregon | | | | |
| | CHARACTER OF MATERIAL | (Feet below 's | and surface) To | Thickness (feet) | |
| E. J. Jarez ^a n (n. 17) | • | | | | |
| a made action via a section via | loose rock and boulders | 1 | 20 | 19 | |
| | soft rock to hard rock | 20 | 45 | 25 | |
| · · | crevice formations | 45 | 54 | 9 | |
| | soft to very hard rock | 54 | 64 | 10 | |
| water | rough hard rock to med. hard rock | 64 | 88 | 24 | |
| | hard rock to med. hard rock | 88 | 134 | 46 | |
| | med. hard rock to very hard cap | 134 | 182 | 48 | |
| water | very hard to med. to soft rock | 182 | 209 | 27 | |
| water | soft rock to very hard rock | 209 | 224 | 15 | |
| | very hard rock to med. hard rock | 224 | 247 | 23 | |
| | med. hard rock to black and red rock | 247 | 280 | 33 | |
| 450 | med. black and red rock to very hard rock | 280 | 325 | 45 | |
| : | very hard black rock and flint | 325 | 352 | 27 | |
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| ومصور والدارة المحرورونيات | | | | | |
| <u> </u> | 74. Lil | | | | |
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| er rediction | | | | | |