

*Bake
152*

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DEC 31 1953
STATE ENGINEER
SALEM, OREGON

Application No. U 588
Permit No. U 543
Well No. 1

REPORT ON COMPLETION OF WELL

(Note: This report should be submitted to the State Engineer, Salem, Oregon, as soon as possible after the well is completed. If more than one well is covered by this permit, a separate report shall be filed for each)

Date of Report October 13, 1953

1. Location of well: Center of SW 1/4 of Section 33 Twp. 7S. Rge. 40E. W. M.
2. Name of nearest natural surface stream Powder River
3. Distance from well to that stream: 5500' ± feet (To slough from Powder River).
4. If the well is less than 1300 feet from a natural surface stream, give the difference in elevation between the ground surface at the well and the lowest point in stream channel: _____ feet.
5. Date of beginning drilling or digging: March 6, 1953
6. Date well was completed April, 1953

LOG OF MATERIALS ENCOUNTERED

| Character of Material | Depth at which encountered | Thickness of stratum |
|---|----------------------------|----------------------|
| <u>Top soil</u> | <u>At surface</u> | <u>3</u> ft. |
| <u>Laminated clay & pocket sand</u> | <u>3</u> ft. | <u>160</u> ft. |
| <u>Sandy pocket</u> | <u>163</u> ft. | <u>5</u> ft. |
| <u>Laminated sand & clay</u> | <u>164</u> ft. | <u>4</u> ft. |
| <u>Sticky clay</u> | <u>172</u> ft. | <u>12</u> ft. |
| <u>Alternate layers sand & clay</u> | <u>184</u> ft. | <u>34</u> ft. |
| <u>Hard pan</u> | <u>218</u> ft. | <u>1</u> ft. |
| <u>Alternate layers sand & clay</u> | <u>219</u> ft. | <u>82</u> ft. |

Remarks: _____

WELL INFORMATION

8. Diameter of well 10 inches. Depth of well 301 feet.
9. Depth at which water was first encountered 72 feet.
10. Water level when completed: 55 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: _____

