

V. L. COMPLETION REPC
(Hobbs Division) LOG AND HISTORY

PRO-18-3

(Page #10)

WELL NO. 2

PROPERTY McKinley

THE CALIFORNIA COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

| FROM | TO | FEET | FORMATION DRILLED AND CORED |
|---|----|------|-----------------------------|
| <u>ACID TREATMENT</u> | | | |
| <p>As a result of wide spread acid treatment of wells in the Hobbs Field, it became necessary to treat this well in order to maintain the production of the lease.</p> <p>Treatment increased the 24-hour potential from 5139 to 13,151 barrels.</p> <p>On February 17, 1934, well was treated with 1,000 gallons Dowell XX Solution pumped in thru 4239' of 2-1/2" tubing, perforated between 4217 and 4226 feet, by Dowell Service, Inc. 5 hours pumping oil and acid into well.</p> <p>A total of 73.41 barrels of oil was pumped into well ahead of acid, which decreased tubing pressure from 380# to 12" vacuum. Casing pressure increased from 1240# to 1275#.</p> <p>Pressures while pumping 1,000 gallons of Dowell XX Solution into well were:</p> <p style="padding-left: 40px;">Tubing - 12" vacuum</p> <p style="padding-left: 40px;">Casing - 1260# to 1300# to 1260#.</p> <p>Dowell XX Solution was flushed out of tubing and forced into formations with 28.35 of oil. Tubing pressure 12" vacuum; casing pressure 1260# at start and 1235# at end.</p> <p>Well was shut in until February 20, 1934, to permit acid to react on formations. When opened thru tubing, February 20, 1934, well did not flow.</p> <p>On February 22, 1934, "kicked well off" by "rocking". Well produced 633 barrels of oil, 128 barrels of which was recoverable oil used in treatment.</p> <p>From February 23 to March 6, inclusive, well flowed an average of 145 barrels oil daily thru 12/64" choke; T.P. 280# to 310#; C.P. 510# to 680#.</p> <p>Shut in on March 7 to install large separator.</p> <p>On March 8, 1934, well flowed at following daily rates on an official proration test:</p> <p style="padding-left: 40px;">Thru tubing - 3596 barrels oil and 4057 MCF gas</p> <p style="padding-left: 40px;">Thru tbg & csg.- 13,151* " " " 14,300 " "</p> <p>*This is new 24-hour potential which became effective 3-15-34.</p> <p>Rated potential on proration schedule for March 1-15 was 5139 bbls.</p> | | | |

LOG AND HISTORY

PRO-18-3

(10)

COMPANY

PROPERTY

WELL NO.

NOTES: FOR USE BY THE OPERATOR AND THE LANDLORD

FORMATION SKETCH AND CORRELATION

DATE

TIME

1. The well was drilled to a depth of 100 feet. The formation was found to be sandstone and shale. The well was completed with a 2 1/2 inch casing. The well was tested and produced 100 barrels of oil per day. The well was then abandoned.

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