

REPORT OF ACID TREATING LANDLITE - TEXAS UNITY

STATE "B" #1, SEC. 33-18s-88e

HOBBS POOL LEA COUNTY NEW MEXICO

This is a copy of report on our well. It is included in the minutes of the next meeting of the board. - L.A.N.
DATA:

Completed Sept. 1st, 1930

Initial Production 2768 Barrels Oil, 18 Million Gas.

Total Depth 4179'

Potential prior to treating with acid, 6492 Barrels Oil, 20 m Gas.

Purpose of treating well to lower gas/oil ratio.

Well was killed 11/9/33 by pumping dead oil into the tubing for 7 hours, amount of oil pumped in well 183 barrels with a return of 30 barrels which was bled from the casing, reducing the tubing and casing pressure from 1150 # to 200#.

1000 gallons of Dowell XX acid was pumped into the tubing followed with 56 barrels of dead oil to displace the acid from the tubing and bore hole. During the course of pumping in the acid the tubing and casing pressure lowered from 200# to 60#, and when the follow up oil was pumped in the pressure gradually built up to 140#.

The well was shut in and the acid remained in the formation 60 hours. During the shut in period the tubing and casing pressure gradually built up to 1220#.

The well was opened through the choke Nov. 13th, and was produced at its daily allowable of 175 barrels for ten days.

Gas/oil ratio's were taken with well on steady production of 175 barrels per day and readings indicated the ratio to be 3780 cu. ft. per barrel. The well was also produced at a rate of 225 barrels per day which will be approximately its new allowable and the ratio was 3090. Prior to the treatment on steady production the ratio was about 8000 cu. ft. per barrel, however by producing a portion of the daily allowable through a small choke opening and the balance at a greater rate of flow a ratio of 5625 was obtained for the month of Oct.

The well was officially tested by the Proration Umpire Nov. 24th, and gauged as follows:

Through 3" Tubing,	5767 Barrels Oil,	22,374,000 cu. ft. gas
Open flow,	9461 " "	28,747,000 " "

This gives the well a net increase of 2969 barrels over the potential now being used of 6492.

During the time the well was being tested the Brown tubing head was checked for a leak and since it could be slightly tightened it is possible further improvement will be obtained in the gas/oil ratio.

L. A. Neal

11/25/33

THE UNITED STATES OF AMERICA

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

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OFFICE OF THE ASSISTANT ATTORNEY GENERAL

WASHINGTON, D. C. 20540

RECEIVED

TO: THE ASSISTANT ATTORNEY GENERAL, DEPARTMENT OF THE INTERIOR

FROM: THE BUREAU OF LAND MANAGEMENT, DEPARTMENT OF THE INTERIOR

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11/30/80
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