

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON Plug Back, (Other) Acidizing & Perforations	X

12-3-54
(Date)Denver City, Texas
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

The Atlantic Refining Company
(Company or Operator)Federal Jones
(Lease)Perkins & Russell; Chemical Process, Walex & Well No. 2 in the SE 1/4 SE 1/4 of Sec. 34
(Contractor) Halliburton

T. 14-S, R. 37-E, NMPM, Denton (Devonian) Pool, Lea County.

The Dates of this work were as follows: April, May, June, July & October, 1954

Notice of intention to do the work (was) ~~mailed~~ submitted on Form C-102 on March 26, 1954
(Cross out incorrect words)and approval of the proposed plan (was) ~~not~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Open hole was plugged back 9' to 12,591 by Walex Jet Cementings; subsequently swabbed 100% formation water. Remaining open hole (12,536-12,591) was squeezed w/deisel oil cement. Slurry to PBD of 12525 and upper Devonian was perforated @ 12468-12518. Top allowable water-free production was regained, but held only 9 days when well started making water again and production was 60 BOPD and 25% formation water. A 11" Hydromite and cement cap was set above the retainer on 5-1-54 to plug the bottom 4' of perforations, resulting in shutting off a channel behind the pipe; well then swabbed dry with no change after washing with 500 gallons acid. Acidized by squeezing with 500 gallons @ .24 BPH rate. Swabbed 90 BOPD and 50% water. The entire plug was drilled out on 6-28-54 and the perforations and open hole squeezed with cement in six stages. Cement was drilled out to PBD 12,524' and the upper Devonian was re-perforated on 7-18-54 @ 12,468-12,518, well swabbed dry. Cannon shots on 10-10-54 @ 12,486, 12,493'; 12,509' and 12,520' were unsuccessful in obtaining any production. Subsequent treatment with 1000 gallons of acid injected @ .94 BPH (4000# pressure) failed to restore production. Well swabbed dry and fluid rise of 1200' noted after 24 hours shut in. Work was not successful in restoring production.

Witnessed by J. S. Hutchins The Atlantic Refining Company District Foreman
(Name) (Company) (Title)

Approved:

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name: Herman W. Can
Position: District Superintendent
Representing: The Atlantic Refining Company
Address: Box 1038, Denver City, Texas

(Title)

(Date)