

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**MISCELLANEOUS REPORTS ON WELLS**

**RECEIVED**  
SEP 29 1953  
OIL CONSERVATION COMMISSION  
DISTRICT OFFICE

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	<input checked="" type="checkbox"/>	REPORT ON (Other)	

September 28, 1953  
(Date)

P.O. Box 547, Hobbs, N.M.  
(Place)

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

Tide Water Associated Oil Company  
(Company or Operator)

Lease  
(Lease)

D.A.S. Service Company  
(Contractor), Well No. 1-E in the SE 1/4 SE 1/4 of Sec. 4

T. 23S, R. 27E, NMPM, Bidlock Pool, Lea County.

The Dates of this work were as follows: September 1, 1953 - September 27, 1953

Notice of intention to do the work (was) ~~was not~~ submitted on Form C-102 on September 22, 1953, 19, (Cross out incorrect words)

and approval of the proposed plan (was) ~~was not~~ obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

The above well was killed, tubing pulled and a Baker Model "K" bridging plug set at 5200'. Two sacks of cement were dumped on top of the plug and FBH. was 5434'. The plug was tested with 1000 psi. and held O.K.

The section 5134-5203' and 5110-40' was perforated with a jet shot/foot. The zone was treated with 2000 gallons of acid below the packer at 4900'. After treatment, the well tested 82 BO and 60 BW in 9 hours, scrubbing. Water analysis indicated a chloride content of 51,000 ppm.

The tubing was pulled and re-run with the packer set between the perforations at 5134' and with the tubing perforations above the packer. The zone 5110-40' tested 80 BO's hrs., 99% water and 1% oil.

The tubing was then pulled and re-run with the packer set at 5134' and the perforations 5134-5203' tested. The interval produced an average of 39 BO and 91 BW.

Witnessed by (Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

*J. J. Stanley*  
(Name)

Engineer District 1  
(Title)

SEP 30 1953  
(Date)

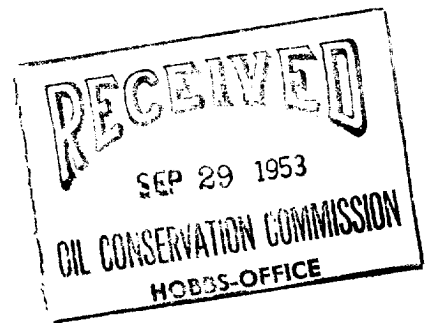
I hereby certify that the information given above is true and complete to the best of my knowledge.

Name *H. P. Shadelford*

Position District Foreman

Representing Tide Water Associated Oil Company

Address P.O. Box 547, Hobbs, New Mexico



Waco Water #1-E Brunson  
Padlock Pool Recombination (cont'd)

In 12 hours on successive four day tests.

The tubing was pulled and a Halliburton bridge plug set at 5175' between the perforations. The interval 5110-40' was squeezed with 100 sacks of cement below a HO-110 retrievable retainer and with a maximum injection pressure of 5100 psi.

The cement was drilled out to 5148' and the perforations 5110-40' tested with 1000 psi. and held O.K. Cement was then drilled out to 5486'. The casing was then tested with 1000 psi. pump pressure and held O.K.

The section 5184-5209' was perforated with 4 jet shots/ft. The tubing and packer with holddown was run back in the hole and the section 5184-5209' tested 1 BEPH swabbing. The interval was then treated with 1000 gallons of acid, maximum injection pressure 3000 psi. The section then tested, after recovering flow and flush oil, as follows:

<u>Date</u>	<u>Method</u>	<u>Oil</u>	<u>Water</u>	<u>Length of Test</u>
9-19-53	Swab.	42	65	9 hrs.
9-20-53	Swab.	54	49	9 hrs.
9-21-53	Swab.	49	40	8 hrs.

On September 22, 1953, the tubing, packer and holddown was pulled. The tubing was re-run with bottom of the tubing at 5220', perforations at 5123-5126' and pump set at 5122'. On a test taken 9-25-53, the well pumped 98 barrels of oil and 80 barrels of water in 16 hours.