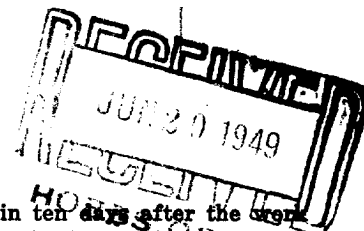


OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. 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 REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Plugging back from Monument field Pay and Perforating Queens for Gas. X	

June 16, 1949

Date

Hobbs, New Mexico.

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

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

Tide Water Associated Oil Company State N.M. Well No. 1 in the _____
Company or Operator Lease
SW/4, of Sec. 13, T. 20-S, R. 36-E, N. M. P. M.,
Monument Field, Los County.

The dates of this work were as follows: June 13, 1949

Notice of intention to do the work was (was ~~not~~) submitted on Form C-102 on June 13, 19 49
and approval of the proposed plan was (was ~~not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Lane Wells wire line Bridging plug set at 3721' and tested with 1,000# and held. Perforated 3240' to 3440' with 1 shot per foot. After perforating, well tested 1,700,000 cu. Ft. gas per day with 95 psi back pressure on Separator. See attached letter for detailed information on this well.

To the knowledge of Tide Water no wells in the vicinity of this well are producing oil from the horizon perforated in this well for gas.

Witnessed by H. J. Tuffly Tide Water Assoc. Oil Company, Assoc. Eng.
Name Company Title

Subscribed and sworn before me this _____

17 day of June 19 49

[Signature]
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name J. M. Tharp, Jr.

Position Field Engineer

Representing Tide Water Assoc. Oil Company
Company or Operator

My commission expires 10/24/49

Address Drawer AK, Hobbs, N.M.

Remarks:

APPROVED

JUN 20 1949

Date _____

[Signature]
Name
Oil & Gas Inspector
Title

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main results of the paper.

Drawer KK,
Hobbs, New Mexico
June 16, 1949.

Oil Conservation Commission
Santa Fe, New Mexico.

Re: Tide Water Associated Oil Company's State
"K" No. 1, SW/4 Sec 13, T20-S, R36-E, plug
back from Monument oil pay to Queen gas pay.

Gentlemen:

Tide Water Associated Oil Company attempted to shut-off excessive water and gas on their State "K" #1 and were unsuccessful. Tabulated below is a brief summary of work done in attempting to shut off excessive water and gas:

Well was completed 7-16-37.
I.P. 1872 bbls oil per day, no water, GOR 800-1.
T.D. 3878'.
7" casing set at 3790' with 350 sacks.
Theoretical fill up to 1245'.
9-5/8" casing set at 2433' with 700 sacks.

By August 1942 well was making 50% water and packer was set at 3814' with tubing perforations above packer. After packer installation well made 35 to 50 per cent water to indicate a partial water shut off.

In March 1945 packer was reset at 3850' with tubing perforations below packer on the assumption that water was coming from above. This packer installation did not change the water percentage.

In September 1947 a 5-1/2" liner was set 3787' to 3878', perforated 3849' to 3851', no show, perforated 4846'-48' and 3851'-56', no show. Attempted to acidize with 500 gallons, could not pump in formation with 2,000 gal on surface. After swabbing well tried again to acidize with 500 gallons which went in formation. After acid, well flowed 35.9 bbls of oil, 83.8 bbls of water and had a gas oil ratio of 13.957 to 1. Attempted to squeeze perforations with 88 sacks of cement. When cement was drilled out, open hole was encountered at top of liner which indicated all the cement went

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in top of liner at which place the acid probably went when attempting to acidize perforations. Swabbed well with no show, acidized again with 500 gallons after which well swabbed 15 bbls sulphur water per hr. Squeezed perforations with 60 sacks and reperforated 3810-15', acidized with 500 and swabbed 3 bbls sulphur water per hr. Squeezed perforation 3810-15 with plastic and perforated 3797 to 3805, acidized with 500 gallons and swabbed 3 bbls sulphur water per hr. Well was pumped for 41 days and made an average of 40 bbls sulphur water per day with no oil. At this time well was temporarily abandoned.

In July 1948 well was carried as NIO on G-115 ("Operators Monthly Report) and has been carried as NIO since.

On June 13, 1949 a Lane Wells bridging plug was set at 3721' and tested with 1,000 psi. Seven inch casing was perforated 3240' to 3440' with one shot per foot in an effort to secure Queen formation gas which was encountered while drilling this well. After perforating well made 1,700,000 cu. ft. of gas per day with 95 psi back pressure which we intend to sell to El Paso Natural Gas Company.

Yours very truly,

TIDE WATER ASSOCIATED OIL COMPANY

BY:

J. M. Tharp, Jr.
J. M. Tharp, Jr. - Field Engineer.

JMT:lw

CC: Oil Conservation Comm. - Hobbs
CC: Lea County Operators Committee - Hobbs
CC: Midland
CC: Houston
CC: Tulsa

