Notice of Test of Water Shut-off

This notice must be given at least five days before the test, and a longer time is desirable.

______Santa Paula,______ Cal.______July 31,______1922.

Mr. Santa Fe Petroleum Co.
Deputy State Oil and Gas Supervisor
______Santa Paula,______ Cal.

DEAR SIR:

In compliance with Section 19, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to test the shut-off of water in well number ______7______ Section ______17______ T. & R. ______18______ S. ______8______ E. & B. M. ______Piru______ Oil Field, ______Ventura______ County, on the ______23______ day of ______July______ 1922.

7 5/8 inch 16 lb. casing was landed/womaned in ______sticky adobe______ at ______280 ft.______ (Formation) (Depth)
on ______July 23______ 1922. (Date)

______sacks of cement were used.

The ______method was used in placing the cement.

Fluid level will be bailed to a depth of ______330______ feet and left undisturbed for at least 12 hours before your inspection.

The well is ______330______ feet deep. There is/is not a plug or bridge from ______feet to ______feet.

Respectfully yours,

______Santa Fe Petroleum Co.______
(Name of Company or Operator)

By ______Agent.______

Press notice to Deputy State Oil and Gas Supervisor in charge of district where well is located.
CALIFORNIA STATE MINING BUREAU
DEPARTMENT OF PETROLEUM AND GAS

Report on Test of Water Shut-off
(BAILING)

No. T.2-483


Mr. J. L. Borton,
Figueroa, Cal.
Agent for Santa Fe Petroleum Company

DEAR SIR:

Your well No. 7, Section 17, T.44 S., R.18, E., S. B. & M., Figueroa Oil Field, in Ventura County, was tested for shut-off of water on July 22, 1922, Mr. R. B. Thomas,

Time and date

designated by the supervisor, was present as prescribed in Section 19, Chapter 718, Statutes 1915, as amended, and there were also present

F. H. DeCrummond, driller,

Mr. Stewart, test dresser,

Location of water tested. Top (above 280 ft.) 195 ft. Sulphur water.

and normal fluid level. 195 ft. Sulphur water.

Depth and manner of water shut-off: 90 ft. of 6.5 in. 14 lb. casing was cemented in sticky shale. Formation

A 280 ft. with 2 - 7 sacks cement by Portland cement, 3/4 in. cable tools were used in landing water string. (stay water well rig.)

Casing record of well. 7 5/8 in. as above.


Reported total depth of hole 350 ft. Hole bridged from - - - - ft. to - - - - ft. Hole cleaned out to 350 ft. for this test.

At time of test depth of hole measured 350 ft. and bailer brought up sample of.

not noted.

At 4:00 p.m. July 22, 1922 oil bailed to - - - - ft., water bailed to 280 ft. (dry)

Time and date

At 10:00 a.m. July 24, 1922 top of oil found at - - - - ft., top of water found at 240 ft.

Result of bailing test: The test shows that 60 ft. of fluid (fresh water with a showing of oil) entered the well during the 42 hours in which operations were suspended (equivalent to a minimum rate of rise in fluid of 3 1/2 bbl. per 24 hours.)

DATA:

Mr. DeCrummond stated that sulphur water was encountered in sand at 225 feet.

CONCLUSION:

The test indicates that water from above 280 ft. is prevented from passing to lower formations in the well by 7 5/8 in. casing landed at that depth. It is probable that the small amount of water found in the well is entering from formations below the shoe, which also contain some oil.

Oral permission to continue drilling, given Mr. DeCrummond by the Deputy, is hereby confirmed, and the water shutoff is approved.

R. E. COLLUM,
State Oil and Gas Supervisor

By ____________ Deputy
Mr. C. L. Barton,

P.O. Box Cal.

Agent for Santa Fe Petroleum Company

Dear Sir:

Your proposal to drill Well No. V in Section 17 T. 4 N. R. 18 W. S.B. & M., Pima Oil Field, Yuma County, dated June 15, 1922, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

The Notice States:

"The well is 45 ft. E. W. from Well No. 1, and 80 ft. S. W. from Well No. 6.

The elevation of the derrick floor is 1020 ft. above sea level.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 250 ft., more or less."

Proposal:

Recommendation:

"We propose to use the following strings of casing, either cementing or landing them as herewith indicated:

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Ft. per St.</th>
<th>New or S.B.</th>
<th>Depth</th>
<th>Land or Cem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8&quot;</td>
<td></td>
<td>New</td>
<td>40 ft.</td>
<td>Landed</td>
</tr>
<tr>
<td>9 5/8&quot;</td>
<td></td>
<td>S.B.</td>
<td>150 ft.</td>
<td></td>
</tr>
<tr>
<td>7 5/8&quot;</td>
<td></td>
<td>New</td>
<td>400 ft.</td>
<td>Perforated.</td>
</tr>
</tbody>
</table>

It is understood that if changes in this plan become necessary, we are to notify you before cementing or landing casing."

Determination:

Your proposal to drill as outlined is approved. Notify this Department to witness a test of water shutoff with 9 5/8" casing at 120 ft.

R. E. Colom
State Oil and Gas Supervisor

By

Form 101, 10017 5-21 10M
NOTICE OF INTENTION TO DRILL NEW well

This notice must be given before drilling begins.

Santa Paula, Cal. June 15, 1922.

Mr. H. B. Thompson,
Deputy State Oil and Gas Supervisor,
Santa Paula, Cal.

Dear Sir:

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well number 7, Section 17, T. 44 N., R. 18 W., S.B.B. & M., Piru Oil Field, Santa Fe Petroleum County.

The well is 45 feet N. of No. 1. 59 ft. S.W. from No. 6.

The elevation of the derrick floor above sea level is 1020 feet.

We propose to use the following strings of casing either cementing or landing them as here indicated:

<table>
<thead>
<tr>
<th>Size of Casing, Inch</th>
<th>Weight, Lb. Per Foot</th>
<th>New or Second Hand</th>
<th>Depth</th>
<th>Landed or Cemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; S.P.</td>
<td></td>
<td>New</td>
<td>40 ft.</td>
<td>Landed</td>
</tr>
<tr>
<td>9.5/8&quot;</td>
<td></td>
<td>S.H.</td>
<td>180 ft.</td>
<td></td>
</tr>
<tr>
<td>7.5/8&quot;</td>
<td></td>
<td>New</td>
<td>400 ft.</td>
<td>Perforated</td>
</tr>
</tbody>
</table>

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 250 feet, more or less.

Respectfully yours,

Address: Piru, California

Telephone number: none.

By

Reference to file of data

<table>
<thead>
<tr>
<th>Maps</th>
<th>Model</th>
<th>Section</th>
<th>Cards</th>
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<td></td>
<td></td>
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<td>1/1</td>
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