

Total depth is 4783'. Bailed $1\frac{1}{2}$ bbls. oil per day, naturally. On Nov. 30, 1948, washed hole with 500 gallons acid. Bailed hole dry. Then on Dec. 2, acidized through casing with 2,000 gallons acid (by Dowell); final pressure 2250#. After this treatment, well bailed about $3\frac{1}{2}$ bbls. oil per day. On Dec. 7, ran Dowell Spinner Survey and found that all of our acid had gone into a thief-zone at 4650-52'. Then plugged back to 4756' with rock and one sack cement. On Dec. 16, attempted to selectively treat through 2" tubing (bottom at 4719') using Dowell Pilot Control; but oil from oil-load went into thief-zone at 4650-52' under 2650# pressure, and acid would not go into pay zone at 4720-45' under 3000# pressure. We had previously plugged back to 4728', through error, but later drilled the plug out to 4756'. It now appeared that the porosity in the pay section may have been blocked off by caliche and cement. In order to clean up the walls of the hole, we shot from 4721' to 4751' with 30 qts. of LNG on Dec. 18. After the shot, the well bailed $7\frac{1}{2}$ barrels of oil per day. On Dec. 30, we acidized with 3,000 gallons through 2" tubing, with Sweet formation packer set at 4700'. Initial pressure used was 3100#; final pressure was 2800#, and final injection rate was .8 barrel of acid per minute. After recovering the oil load and acid water, well bailed less than one barrel of oil per day.

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	<input type="checkbox"/>	REPORT ON REPAIRING WELL	<input type="checkbox"/>
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	<input checked="" type="checkbox"/>	REPORT ON PULLING OR OTHERWISE ALTERING CASING	<input type="checkbox"/>
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input type="checkbox"/>	REPORT ON DEEPENING WELL	<input type="checkbox"/>
REPORT ON RESULT OF PLUGGING OF WELL	<input type="checkbox"/>		<input type="checkbox"/>

January 4, 1949

Roswell, New Mexico

Date

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 _____

Barnett & Hanson (Permian Oil Co.)

State

Well No. 1-B

in the _____

Company or Operator

Lease

NW 1/4

of Sec. 19

T. 17 S.

R. 35E.

N. M. P. M.,

Vacuum

Field,

Lea

County.

The dates of this work were as follows: _____

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on Nov. 23, 1948

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Witnessed by John A. Barnett

Name

Company

Title

Subscribed and sworn before me this 4th

day of Jan

1949

John A. Barnett
Notary Public

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

Name John A. Barnett

Position Co-Partner

Representing Barnett & Hanson

Company or Operator

My commission expires 12/19/50

Address Box 670,

Roswell, New Mexico.

Remarks:

Ray Garbrough
Name

Title