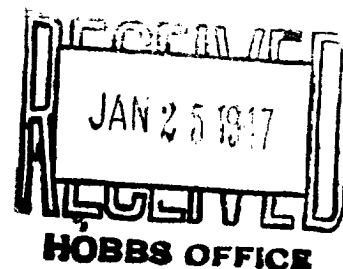


OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



DUPLICATE

MISCELLANEOUS REPORTS OF 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	X	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 AND SUPPLEMENTAL WELL HISTORY	X		

Midland, Texas

January 22, 1947

Place

Date

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

Humble Oil & Refining Company N. M. State "A" Well No. 2 in the

SE/4 of Sec. 25, T. 18-S, R. 37-E, N. M. P. M., Hobbs Field, Lea County.

The dates of this work were as follows: September 19, 1946 to January 13, 1947

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on 9-25-46; 11-15-46; 12-9-46 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

See Attachment

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this _____

22nd day of January, 1947

Lila Sue Caruthers
LILA SUE CARUTHERS Notary Public

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

Name _____

Position Asst. Division Superintendent

Representing Humble Oil & Refining Company
Company or Operator

My commission expires 6-1-47

Address Box 1600 - Midland, Texas

Remarks:

APPROVED
JAN 25 1947
Date _____Roy Yankrough
Oil & Gas Inspector
Title

RECEIVED
HOBBS OFFICE

Ran Baker retrievable cement retainer on 2½" tubing and set at 4036'. Cemented formation below 7" casing from 4092' to 4230' with 200 sx. cement. Fluid level dropped in annular space between 2½" tubing and 7" casing when filled with water. Tested and reset retrievable retainer. Formation from 4092' to 4230' took fluid slowly under 2600# pump pressure. Released retainer, opened valve on 9 5/8" bradenhead and tested 7" casing with 600# pressure. Tested O.K.

Swabbed well 6½ hours. First 3½ hours made 95% water; last 3 hours swabbed average of 8 bbls. oil per hour with .8% to 2.5% BS&W. Well shut in to pressure up. Opened well after 17 hours. Failed to flow.

Lowered cement retainer and set at 4087'. Swabbed well dry in 3 hours. Hole filled at rate of 6 bbls. per hour. Made 100% water on first pull, rest of time making .8% water. Acidized well below retainer set at 4087' with 500 gals. Dowell XXF Acid. Well swabbed dry in 2 hours. Pulled tubing and removed cement retainer. Found top of cement plug at 4110'. Set packer at 3935' and swabbed well 1 hour. Swabbed 100% water last 3 pulls. Acidized well with 1000 gals. Chemical Process Acid on 10-7-46 from 4110' to 4163'. Well started to flow. Closed gate and set Guiberson packer and displaced acid. Well flowed 20 minutes through 7" casing; making approximately 12 bbls oil.

Swabbed well for 6 hours. Well made 100% salt water.

Ran Gamma Ray Survey from 4250' to 2500'. Set retainer at 3439' and circulated below with 250 sx. of cement.

Tested 7" casing with 1000# water pressure. Tested O.K.

Perforated 7" casing from 3415' to 3360', 3 shots per foot. Swabbed and blew well dry with gas - no show of oil or water.

Filled hole with oil and tested casing to 1500#. Perforated casing from 3335' to 3320', 3 shots per foot. Ran 2½" tubing and tried to pump through perforations with 1500# pressure. Formation would not break down. Swabbed well. Treated perforated section with 1000 gals. of Dowell mud acid. Pumped into formation slowly at 1750# and swabbed well dry.

Perforated 7" casing from 3310' to 3280' with 3 shots per foot. Ran tubing and swabbed out 100 bbls. blanket oil. Well failed to kick off. Flowed well with outside gas, making 1 bbl. of black dead oil per hour.

Treated perforated section from 3280' to 3415' with 1000 gals. of Dowell mud acid. Pumped acid into formation with 1750#. No break.

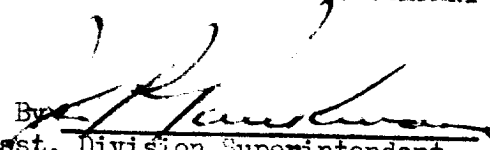
Pulled tubing and perforated 7" casing with 3 shots per foot from 3225' to 3245' and 3250' to 3275'. Swabbed oil load 3 hours. Mud and water broke in from behind 7" casing. Swabbed mud and water 4 hours. Failed to swab water down.

Plugged 7" casing with 50 sx. cement at 3439'. Shot 7" casing off at 2400' and pulled casing.

Loaded well with mud, mixed and pumped in 50 sx. of cement, and plugged well from 2400' to 2275'. Pulled 300' tubing. Mixed and pumped in 100 sx. of mud and finished pulling tubing.

Shot 9 5/8" casing at 600' and pulled 21 joints. Ran 11 joints 2½" tubing to mud hole. Pumped in 50 sx. of cement, at 650' and 200' and filled interval between plugs with mud. Placed cement plug of 25 sx. at surface, levelled location and placed regulation marker.

HUMBLE OIL & REFINING COMPANY

By 
Asst. Division Superintendent

20110 2800H

[Handwritten signature]