

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

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

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|---|--|---|--|--------------------------|--|
| 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 | | REPORT ON (Other) | |

Reacidize perforations from

4910' to 4825'
November 19, 1952 Crossroads, New Mexico
(Date) (Place)

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

Lone Star Producing Company et al State King
(Company or Operator) (Lease)
Carl B. King Drilling Company Well No. 1 in the SE 1/4 SW 1/4 of Sec. 16
(Contractor)
T. 9 S., R. 35 E., NMPM, Wildcat Pool, Lea County.

The Dates of this work were as follows: November 19, 1952

Notice of intention to do the work (was) (~~was~~) submitted on Form C-102 on November 18, 1952
(Cross out incorrect words)
and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Reacidized formation through perforations from 4910' to 4825' with 1000 gallons of Hi-Vis jel acid and 4000 gallons of SLT 15% HCl. Maximum surface injection pressure while injecting Hi-Vis acid was 4000 p.s.i. Formation started taking acid at 1200 p.s.i., and surface injection pressure at end of treatment was 2600 p.s.i. As soon as injection pumps were shut down, pressure declined from 2600 p.s.i. to 1700 p.s.i. immediately. Maximum injection rate was 4.8 barrels per minute, and average injection rate was 3.9 barrels per minute.

After reacidization was completed, tubing was swabbed for approximately one hour, and well began to flow gas, a heavy spray of spent acid water, and a trace of oil. After well had flowed for approximately three hours, pitot tube test indicated absolute open flow of 1,140 M cubic feet of gas per day. Well was producing gas, medium spray of acid water, and trace of oil at time of test.

Witnessed by Geo. A. Harman (over) Magnolia Petroleum Co. District Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

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

Name: O. M. J. [Signature]

Position: District Foreman

Representing: Lone Star Producing Co. et al

Address: Box 152, Tatum, New Mexico

(Title)

(Date)

After the well had flowed and cleaned for approximately 12 hours, pitot tube test indicated absolute open flow of 1,140 M cubic feet of gas per day. Well was producing gas, a fine mist of spent acid water, and trace of oil at time of test. Two hour wellhead shut in pressure was 1180 p.s.i.