

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

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)	

**Setting plug and perforating**  
**7" O.D. liner, acidizing, test**  
**Cresroads, New Mexico**

November 25, 1952 (Date)

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

**Lone Star Producing Co. et al-** State King  
(Company or Operator) (Lease)

**Carl B. King Drilling Co.** Well No. **1** in the **SE**  $\frac{1}{4}$  **SW**  $\frac{1}{4}$  of Sec. **16**  
(Contractor)

**T 9 S, R 35 E, NMPM, Wildecat** Pool, **Lea** County.

The Dates of this work were as follows: **November 20, 1952 and November 21, 1952**

Notice of intention to do the work (was) ~~XXXX~~ submitted on Form C-102 on **November 19**, 19 **52**  
(Cross out incorrect words)

and approval of the proposed plan (was) ~~XXXX~~ obtained.

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set Baker Model K CI #3B Wire Line Bridge Plug at 4820' with one sack of cement dumped on top of plug.

Perforated 7" O.D. liner with 4 jet holes per foot from 4815' to 4740' (300 holes).

Acidized formation through perforations with tubing perforations from 4802' to 4728' (4 feet) and Guiberson Hookwall Packer at 4736' as follows: 500 gallons mud acid, 1000 gallons Hi-Vis jel acid, and 6000 gallons of SLT 15% HCl acid.

After well was cleaned, a potential test was conducted using a 2" critical flow prover. The results of the potential test are as follows:

<b>Flow Prover Orifice Size</b>	<b>Flow Prover Pressure</b>	<b>Flow Rate</b>
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<b>1/4 inch</b>	<b>1005 p.s.i.a.</b>	<b>1,492 MCF/D</b>
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Witnessed by **H. L. Nelson** (Over) **Magnolia Petroleum Company** District Foreman  
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

**Roy Yurbrough**  
(Name)

(Title)

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

Name **Omer F. Freed**  
Position **District Foreman**  
Representing **Lone Star Producing Co et al**  
Address **Box 152, Tatum, New Mexico**

(Date)

Flow Meter Orifice Size

Flow Meter Pressure

Flow Rate

1/8 inch

618 p.s.i.a.

1,922 MCF/D

1/2 inch

408 p.s.i.a.

2,109 MCF/D

3/4 inch

186 p.s.i.a.

2,213 MCF/D

Calculated Absolute Open Flow = 2,450 MCF/D