

NEW MEXICO 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 checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		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			

Hobbs, New Mex.

3-25-36

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 \_\_\_\_\_

Shell Petroleum Corp

State D

Well No. 2 in the

NE 1/4 of SE 1/4 of Sec. 19, T. 19-S, R. 37-E, N. M. P. M.,  
Monument Field, Lea County.

The dates of this work were as follows: Spudded 3-25-36

Notice of intention to do the work was [was not] submitted on Form C-102 on \_\_\_\_\_ 19\_\_\_\_  
and approval of the proposed plan was [was not] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

DUPLICATE

Witnessed by \_\_\_\_\_  
Name Company Title

Subscribed and sworn to before me this 25

day of Apr, 1936

*Patricia Mahoney*  
Notary Public

My Commission expires 10-24-1939

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

Name *R. G. Schulte*

Position District Engineer

Representing Shell Petroleum Corp  
Company or Operator

Address Hobbs, N. M.

Remarks:

*[Signature]*  
Name  
Inspector  
Title

NGR

EXERCISES IN ELECTRODYNAMICS

The following exercises are intended to illustrate the application of the general theory of electrodynamics to various physical situations. They are to be worked out as assignments or in class.

PROBLEMS IN ELECTRODYNAMICS

1. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the electric and magnetic fields at a point  $(x, y, z)$  at time  $t$ .

2. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the vector potential  $A$  and the scalar potential  $\phi$  at a point  $(x, y, z)$  at time  $t$ .

3. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the radiation field at a point  $(x, y, z)$  at time  $t$ .

4. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

PROBLEMS IN ELECTRODYNAMICS

5. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

6. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

7. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

8. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

9. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

EXERCISES IN ELECTRODYNAMICS

10. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

11. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

12. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

13. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

14. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

15. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

16. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.

17. A point charge  $q$  moves with constant velocity  $v$  along the  $x$ -axis. Calculate the energy flux density  $S$  and the total energy radiated per unit time.