# R. OLSEN OIL COMPANY

2809-14 APCO TOWER

OKLAHOMA CITY, OKLA.

June 2, 1949

Re: Drilling Instructions
Samuel R. Cooper
Sw Se Ne 23-24S-35E

Hackleman & French
Drilling Contractors
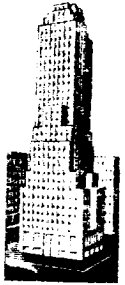Jal, New Mexico

Dear Mr. Hackleman:

Herewith submitted are the instructions to be carried out in the drilling of the above test.

1. Set 300' of 13 3/8" casing and cement to surface.

2. Catch 10' samples from 1400' to T. D.

3. Pre-salt mud at 1400' ft. (Top of salt can be expected around 1450'. Base salt 2850' to 2900')

4. Top of Brown Lime can be expected at about 2900-2940.

5. Top of Yates will be found at approximately 3000'. (This well will be completed as a gas well in the Yates, providing commercial gas is available there)

6. The total depth of this hole will be around 3100'-3200'.

7. 7" pipe will be set in the Brown Lime, approximately 2950'.

8. It will be necessary to run a temperature survey and have it witnessed by a representative of the Conservation Commission. It is undecided at this writing whether the production string will be stage cemented or take a chance of figuring the cement and volume to cover the salt section and then run a temperature survey.

9. Keep hole filled at all times after reaching 2900'.

10. Mud should weigh 10# and viscosity of 33-34 seconds after reaching 2850'.

11. Report drilling depth each morning to the Jal office.

J. T. Paddleford

JTP-gp
cc: French          Roy Yarbrough
    Olsen           Jal Office

# R. OLSEN OIL COMPANY

2809-14 APCO TOWER
OKLAHOMA CITY, OKLA.

Re: Drilling Instructions
Samuel H. Cooper
...

1. Set ... of 15 3/4" casing and cement to surface.

2. ...

3. ...

5. ... at about $300-$340.

6. Top of ... will be found at approximately 3000'. (Oil ...
will be ... as gas well as gas rates, providing ...
... gas is available from ...)

7. The total depth of the hole will be around $100'-$300'.

8. ... will be ... in the above ... approximately 2200'.

9. ...

9. Keep hole filled at all times ... reaching 2000'.

10. ... enough ... 10) ... viscosity of 42-44 seconds after
reaching 2000'.

11. Report drilling ... to the ... office.