

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE December 23, 1953

TO: R. Olsen Oil Company

Box 625, Jal, New Mexico

GENTLEMEN:

Form C-104 for your Cooper "G" 1 11-24-36 Jaleo
LEASE WELL S.T.R. POOL

has been approved, however, since this well is:

- ☒ (X) An unorthodox location,
- ☐ () Located on an unorthodox proration unit,
- ☐ () Outside the boundaries of a designated pool,

it will be necessary for you to;

- ☒ (X) Comply with the provisions of Rule 4 of Commission Order R 368 A
- ☐ () Comply with the provisions of Rule 7 of Commission Order _____
- ☐ () File Form C-123

Pending further Commission action this unit will be assigned an 160 acre allowable.

Stanley J. Stanley
A. L. Porter, Jr.
Proration Manager

ALP/pb

cc/ Transporter El Paso Natural Gas Co.



THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 341
LECTURE 10
MAY 10, 2017

LECTURE 10: QUANTUM MECHANICS

1. THE SCHRÖDINGER EQUATION

2. THE HAMILTONIAN

3. THE HARMONIC OSCILLATOR

4. THE HYDROGEN ATOM

5. THE SPIN-ORBIT INTERACTION

6. THE ZEEMAN EFFECT

7. THE PAULI EXCLUSION PRINCIPLE

8. THE FERMI-DIRAC DISTRIBUTION

9. THE FERMI GAS

10. THE FERMI LIQUID

11. THE SUPERCONDUCTOR

12. THE BCS THEORY

13. THE COOPER PAIR