

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

NOV 1 1957

MISCELLANEOUS NOTICES

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHORT (NIP)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER) To Frac		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOArtesia, New Mexico
(Place)October 31, 1957
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the
Malco Refineries, Inc. **Sterling**

Well No. **4** in **F** (Unit)
 (Company or Operator)
SE NW **7** **18S** **27E** **Red Lake** Pool
 (40-acre Subdivision) $\frac{1}{4}$ of Sec. **7**, T. **18S**, R. **27E**, NMPM.
 County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Plan to sand frac perforations 998' to 1012' in 5½" casing with
 6,000 gallons and 12,000# sand.

Approved **NOV 1 1957** 19
 Except as follows:

Approved
 OIL CONSERVATION COMMISSION

By **M. L. Armstrong**
 OIL AND GAS INSPECTOR

Malco Refineries, Inc.

Company or Operator

By **A. J. Deans**
Dist. Production Supt.

Position
 Send Communications regarding well to:

A. J. Deans, Malco Refineries, Inc.

Name

Box 877 Artesia, N.M.

Address

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

No. Contingencies 2

[illegible]

Detailed description of Figure 1: The graph plots the percentage of total energy expenditure (TEE) against the time of day (0 to 24 hours). The Y-axis ranges from 0 to 100 in increments of 10. The X-axis ranges from 0 to 24 in increments of 2. Five activity levels are shown: Sleeping (solid line), Sedentary (dashed line), Light (dotted line), Moderate (dash-dot line), and Vigorous (long-dashed line). Sleeping is the highest activity at night, peaking at approximately 35% between 22:00 and 06:00. Sedentary activity is highest in the morning, peaking at approximately 25% between 08:00 and 12:00. Light activity is highest in the afternoon, peaking at approximately 20% between 16:00 and 18:00. Moderate and Vigorous activities are highest in the afternoon/evening, peaking at approximately 15% between 16:00 and 18:00.

Time of day	Sleeping	Sedentary	Light	Moderate	Vigorous
0	35	20	10	10	5
2	35	20	10	10	5
4	35	20	10	10	5
6	35	20	10	10	5
8	25	25	10	10	5
10	20	25	10	10	5
12	15	25	10	10	5
14	10	20	15	15	10
16	10	15	20	15	10
18	10	15	20	15	10
20	10	15	15	15	10
22	35	10	10	10	5
24	35	10	10	10	5