


APPROVED

(SUBMIT IN TRIPPLICATE)

NOV 15 1963

HOBBS OFFICE O. C. C.  
UNITED STATES

DEPARTMENT OF THE INTERIOR  
NOV 19 10 11 AM '63  
GEOLOGICAL SURVEY

J. L. GORDON

ACTING DISTRICT ENGINEER

Land Office Las Cruces

Lease No. 03-099 (u)

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	Subsequent Report of Repair Casing Leak

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 12

1963

Lockhart 4-30  
Well No. 2 is located 600 ft. from [N] line and 600 ft. from [E] line of sec. 30  
[S] [W]  
NE 1/4 Sec. 30 21-1 30-1 NE 1/4  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
[N] [E] [S] [W]  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3647 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

During routine inspection of this well, very high gas production was noted. Further investigation revealed excessive casing pressures due to gas production which were mechanically unsafe for the existing wellhead equipment. On October 29, 1963, the well was entered and 50 sacks of cement spotted across the producing interval from 3805-3957 and into 5-1/2" casing to 3167 (checked). An apparent hole or rupture was then located using HFT tools at 3100'. This was squeezed with 150 sx to a pressure of 4000 psi. 18 sx were reversed from the pipe at 3050'. The well was then left shut in at the wellhead and will be temporarily abandoned. Work was completed on 10-31-63.

The land office was previously notified by telephone of this work.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 68

San Jose, New Mexico

By [Signature]

U.S. 5 1000-2 100 File

700-1000-3 100-1000-2

Calif. Oil-News, 11/1-1 1/2 ash

Title District Superintendent