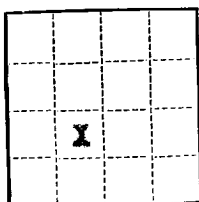


(SUBMIT IN TRIPLICATE)

Land Office **Las Cruces**  
Lease No. **LC 032099 b**  
Unit **K**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



## 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	<b>Sbqt Rpt of Open Additional Pay and Treat</b>

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

**Lockhart B-31**

**May 21**, 19**59**

Well No. **5** is located **1980** ft. from **N** line and **1980** ft. from **W** line of sec. **31**  
**34 1/4** **31** **21 S 36 E** **NMPM**  
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Jalmat** **Lea** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3637** 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)

**BEFORE WORKOVER:** TD 3960 Lime, PB 3891, DF 10', pay Seven Rivers 3814-3886, csg pt 5 1/2 at 3958. Pmp 14 BO, 3 BW in 24 hrs, w/53.6 MCFGPD, GOR 3829.

**WORK DONE:** Drilled BP at 3891, cleaned out to 3922. Perf Seven Rivers 3900-18. Treat 3814-3918, w/2500 gals acid, sand-frac w/6000 gals oil, 5000# sand, 400# ADONITE, and 250# rock salt.

**AFTER WORKOVER:** TH same, PB 3922, pay Seven Rivers 3814-3918, perf 3814-19, 3824-37, 3842-48, 3854-64, 3878-86, 3900-18. Pmp 26 BO, 16 BW in 24 hrs w/72.5 MCFGPD, GOR 2788. Daily allow 26 BO.

Workover started 4-27-59, com 4-29-59, tsd 5-18-59.

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

Company **Continental Oil Company**

Address **Box 68**

**Eunice, New Mexico**

By \_\_\_\_\_

Title **District Superintendent**