



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**
Lease No. **LC 030299b**
Unit **NMFU**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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			

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

Lockhart B-31

October 26, 19**56**

Well No. **7** is located **2080** ft. from **N** line and **330** ft. from **E** line of sec. **31**

NW/4 Sec 31
(1/4 Sec. and Sec. No.)

21 S 36 E
(Twp.) (Range)

NMPM
(Meridian)

Jalmat
(Field)

Lea
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

It is intended to drill this well with rotary tools at the above location to an estimated TD of 3900'. Casing will be cemented in accordance with U.S.G.S. standards, and other special requirements will be complied with.

The following casing pattern is planned: 8 5/8" OD set at 1700' with 700 sacks, cement to return to surface; 5 1/2" OD set at 3900' with 1100 sacks, cement to return to approximately 1650', the exact amount of cement to be determined by caliper survey.

Permission is requested to produce this well upon completion.

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**

Unice, New Mexico

By *[Signature]*

Title **District Superintendent**



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 1838
Reno, Nevada 89501 PM 3:14

October 30, 1956

Continental Oil Company
Box 68
Reno, New Mexico

Re: Lease Las Cruces 030299(b)

Gentlemen;

Receipt is acknowledged of "Notice of Intention to Drill" dated October 26, 1956, covering your well No. 7 Lockhart B-11 on the subject leasehold in the NE1/4 sec. 31, T. 21 S., R. 36 E., N.M.P.M., Jalant Pool, Lea County, New Mexico.

Your proposed work is approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, copy of which will be furnished you on request, and subject to the following condition:

1. Drilling operations so authorized are subject to the attached sheet (revised February 1955) for general conditions of approval.

Very truly yours,

H. A. DuPont
District Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



1990

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler (1987). The total chlorophyll content was determined by the method of Arar and Cook (1980). The carotenoid content was determined by the method of Lichtenthaler and Weil (1983). The total phenolic content was determined by the method of Singleton and Rossi (1965). The total flavonoid content was determined by the method of Zhishen et al. (1999). The total protein content was determined by the method of Lowry et al. (1951). The total amino acid content was determined by the method of Kjedahl (1882). The total sugar content was determined by the method of Dubois and Gilles (1950). The total lipid content was determined by the method of Folch et al. (1957). The total nucleic acid content was determined by the method of Burton (1956). The total mineral content was determined by the method of Ashby et al. (1984). The total organic acid content was determined by the method of Saito et al. (1987). The total alkaloid content was determined by the method of Saito et al. (1987). The total saponin content was determined by the method of Saito et al. (1987). The total tannin content was determined by the method of Saito et al. (1987). The total terpenoid content was determined by the method of Saito et al. (1987). The total steroid content was determined by the method of Saito et al. (1987). The total glycoside content was determined by the method of Saito et al. (1987). The total enzyme content was determined by the method of Saito et al. (1987). The total hormone content was determined by the method of Saito et al. (1987). The total vitamin content was determined by the method of Saito et al. (1987). The total mineral content was determined by the method of Saito et al. (1987). The total organic acid content was determined by the method of Saito et al. (1987). The total alkaloid content was determined by the method of Saito et al. (1987). The total saponin content was determined by the method of Saito et al. (1987). The total tannin content was determined by the method of Saito et al. (1987). The total terpenoid content was determined by the method of Saito et al. (1987). The total steroid content was determined by the method of Saito et al. (1987). The total glycoside content was determined by the method of Saito et al. (1987). The total enzyme content was determined by the method of Saito et al. (1987). The total hormone content was determined by the method of Saito et al. (1987). The total vitamin content was determined by the method of Saito et al. (1987).