

Land Office **Las Cruces**  
Lease No. **029509-A**  
Unit **F**

APPROVED SEP 2 1954  
*[Signature]*  
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

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 REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	<b>Recompletion</b>	

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

**Artesia, New Mexico**  
**Sept. 1**

1954

Well No. **A-25** is located **1780** ft. from **N** line and **1780** ft. from **E** line of sec. **21**  
**SE/4 NW/4 Sec. 21** (Twp.) **178** **32E** **NMPM** (Range) (Meridian)  
**Wildcat** **Lea** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4069** 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)

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

Company **Buffalo Oil Company**

Address **203 Carper Bldg.,**

**Artesia, N. M.**

By *[Signature]*

Title **Vice President**

Previous notices have been filed showing that the Strawn pay was temporarily abandoned after the well quit flowing and re-acidization was unsuccessful. The Strawn pay was temporarily abandoned, other zones tested for possible production, and a successful recompletion made in the Abo pay in the following manner:

- 1) Bridge plug set at 11,300'. Perforated Pennsylvanian 10,771-91', 10,832-40', and 10,862-74'. Perforated interval 10,832-40' and 10,862-74', swabbed dry natural. Acidized with 500 gals. 15% acid and swabbed dry after regaining 24 barrels oil in two days. Perforated interval 10,771-91', acidized with 500 gals. 15% acid. Swabbed 22 bbls. oil in 21 hours.
- 2) Bridge plug set at 10,480'. Perforated Pennsylvanian 10,102-116'. Acidized with 500 gals. 15% acid and swabbed dry. No show oil, gas, or water.
- 3) Bridge plug set at 10,050'. Perforated Wolfcamp 9866-76', 9880-88', 9895-9901', and 9907-23'. Attempted to acidize with 1000 gals. acid but formation would not take acid at 4400# tubing pressure.
- 4) Bridge plug set at 9500'. Perforated Abo pay 8980-88' and 8994-9002'. After swabbing load oil, well flowed 177 bbls. oil in 24 hours natural. Acidized with 2000 gals. 15% acid. No increase in production.

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