

APPROVED SEP 2 1954  
*[Signature]*  
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

## 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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....	<b>Recompletion</b> .....	<b>X</b>

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

**Artesia, New Mexico**

**Sept. 1,**

**1954**

**Baish**

Well No. **A-25** is located **1780** ft. from **[N]** line and **1780** ft. from **[W]** line of sec. **21**

**SE/4 NW/4 Sec. 21**

**17S**

**32E**

**NMPM**

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

**Wildcat**

(Field)

**Lea**

(County or Subdivision)

**New Mexico**

(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.

1. The first part of the report is a general introduction to the project. It describes the purpose of the study, the objectives, and the scope of the work. It also mentions the date of the report and the name of the author.

2. The second part of the report is a detailed description of the methodology used in the study. It explains the steps taken to collect data, the tools used, and the procedures followed. It also discusses the limitations of the study and the potential sources of error.

3. The third part of the report is a presentation of the results of the study. It includes a summary of the findings, a discussion of the implications, and a conclusion. It also mentions the date of the report and the name of the author.

4. The fourth part of the report is a bibliography of the sources used in the study. It lists the books, articles, and other references that were consulted during the research process.

5. The fifth part of the report is an appendix containing additional information that is not included in the main body of the report. It may include raw data, detailed calculations, or other supplementary material.