

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Las Cruces**  
Lease No. **063559**  
Unit **K**

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 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.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

**Artesia, New Mexico, Dec. 7**, 19**54**

**Thos. S. Cox**  
Well No. **3** is located **1650** ft. from **XX** line and **1980** ft. from **XX** line of sec. **17**  
**NE/4 SW/4 Sec. 17** **18S** **32E** **NMPM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Young** **Lea** **New Mexico**  
(Field) (County or Subdivision) (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)

We propose to drill a well to approximately 3800' with rotary tools to test the Red Sand. We will cement 8 5/8" O.D. Casing at about 330' with 250 sacks of cement. We will core the Red Sand. If a commercial well is indicated, 5 1/2" O. D. Casing will be cemented at total depth with 125 sacks of 4% Gel Cement. A second stage using 35 sacks will be pumped through a two-stage collar at the top of salt for protection. The well will be completed by perforating opposite pays and treating with sand oil.

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 BUILDING**

**ARTESIA, NEW MEXICO**

By

Title **Asst. Supt.**

RECEIVED  
DEC 7 1954

Company Buffalo Oil Company

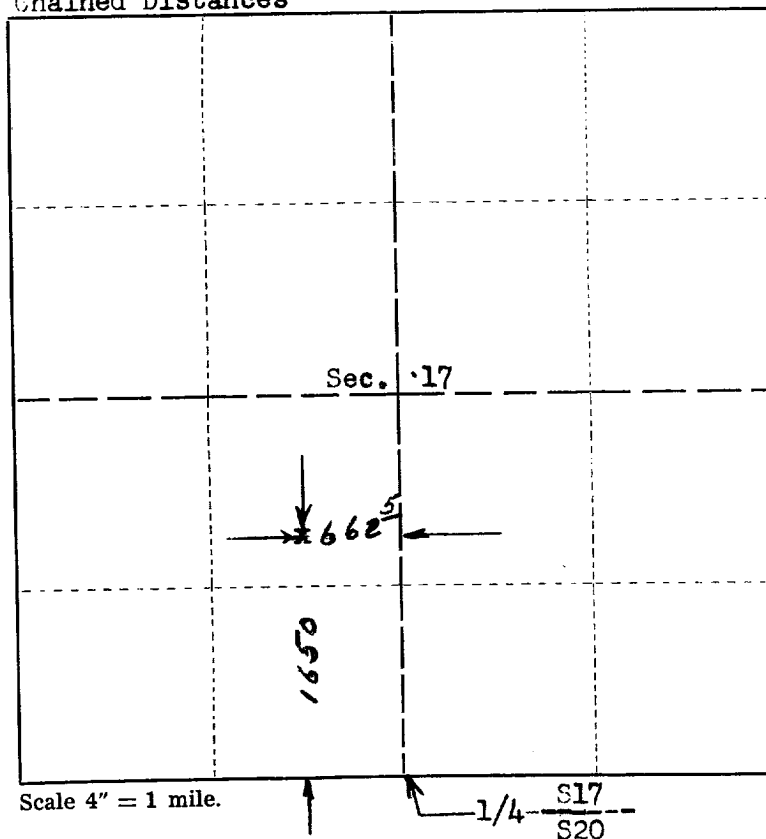
Lease Thomas S. Cox Well No. 3

Sec. 17 T. 18 S., R. 32 E., N.M.P.M.

Location NE 1/4 SW 1/4 (1980' from West Line & 1650' from South Line)

County Lea, New Mexico

**Chained Distances**



N USGLOS Brasscap  
T18s-R32E  
S17 | S16  
S20 | S21

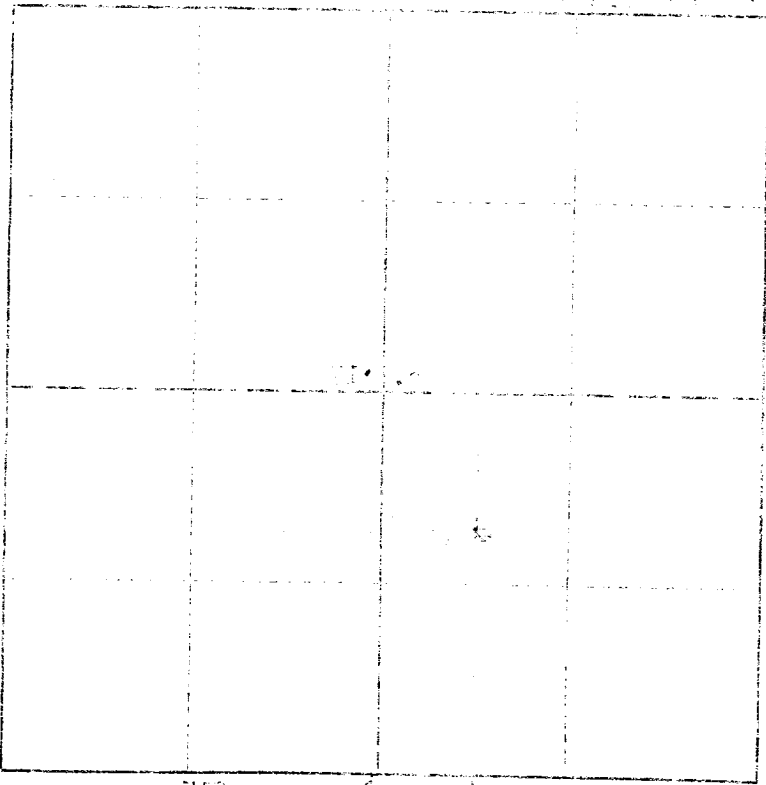
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:  
Artesia, New Mexico

*John A. Mathis Jr.*  
Registered Professional  
~~Surveyor~~ Land Surveyor.

Surveyed December 7<sup>th</sup>, 19 54

County \_\_\_\_\_  
 State \_\_\_\_\_  
 Township \_\_\_\_\_  
 Range \_\_\_\_\_  
 Section \_\_\_\_\_  
 Well No. \_\_\_\_\_  
 Date \_\_\_\_\_  
 New Mexico



This is to certify that the above plat was prepared from field notes  
 of actual surveys made by me or under my supervision and that the  
 same are true and correct to the best of my knowledge and belief.

Surveyed \_\_\_\_\_  
 Registered Professional  
 Engineer and Land Surveyor  
 Seal  
 Arizona, New Mexico  
 1953 Advocate Print