Form 9-331a
(March 1942)

Budget Bureau No. 42-R358.1.
Approval expires 11-30-49.

(SUBMIT IN TRIPLICATE)

Land Office Las Cruces
Lease No. 058775-A
Unit K

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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)

Grace Mitchell

Artesia, New Mexico, Oct. 29, 1949

Well No. A-1 is located 1980 ft. from {N/S} line and 1650 ft. from {E/W} line of sec. 5

NE¼SW¼ Sec. 5 (¼ Sec. and Sec. No.) | 17 (Twp.) | 32 (Range) | NMPM (Meridian)

North Maljamar (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)

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 BOX 517

ARTESIA, NEW MEXICO

By H. Reese

Title Vice Pres.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-3

This well will be drilled with cable tools to a depth of approximately 4000 ft. It is anticipated that water will be encountered at approximately 675' and in the Artesia Red Sand at approximately 3125 ft.

We will run and mud casing approximately as follows:

500 ft.	10-3/4" OD Casing
850 ft.	8-5/8" OD Casing
3200 ft.	7" OD Casing

The well will then be drilled to total depth, and if a paying well is obtained the various pay zones will be shot, after having secured approval of shooting program, which will be submitted after the well has been drilled to total depth and before running shots. These shots will be Calsealed in.

After the well is shot and cleaned out, a Calseal bridge will be placed in the well at approximately 3650 ft.

Five and one-half inch OD Casing will be run to the top of the Calseal bridge at approximately 3650', the 7", 8-5/8" and 10-3/4" casing will be pulled and the 5½" casing cemented with a two-stage cement job, using 100 sacks of cement at the casing shoe, and 100 sacks of cement through a two-stage tool above the top of the salt, at approximately 950 ft. The Calseal bridge will then be drilled out.

The well will be drilled with rotary tools to a depth of approximately 7000 ft. It is anticipated that water will be encountered at approximately 675' and in the [illegible] Red Sand at approximately [illegible] ft.

[illegible] and mud casing approximately as follows:

[illegible] ft. 10-3/4" OD Casing
950 ft. 8-5/8" OD Casing
[illegible] ft. 7" OD Casing

The well will then be drilled to total depth, and if a producing well is obtained the wa[illegible] will be [illegible], after having received approval of shooting program, which will be submitted after the well has been drilled to total depth and before running shots. The [illegible] zones will be Galsealed in.

If the well is shot and cleaned out, a Galseal bridge will be placed in the well at approximately [illegible] ft.

Five and one-half inch OD casing will be run to the top of the Galseal bridge at approximately [illegible]', the 7", 8-5/8" and 10-3/4" casing will be pulled and the 5½" casing cemented with a two-stage cement job, using 100 sacks of cement at the casing shoe, and [illegible] sacks of cement through a two-stage tool above the top of the [illegible] at approximately [illegible] ft. The Galseal bridge will then be drilled out.