



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 4444

Unit \_\_\_\_\_

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 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)

1-19, 1961

Well No. 6-X is located 970 ft. from N line and 33 ft. from E line of sec. 7

NE-SE (1/4 Sec. and Sec. No.) 3-N (Twp.) 16-W (Range) NMPM (Meridian)

Horseshoe (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5377 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate casing jobs, cementing points, and all other important proposed work)

Commenced Drilling October-28-1960  
Completed Drilling December-27-1960  
Well Completed January - - 1961  
Set 68 feet-10-3/4 inch, with 40 sacks cement. Set, 1473 feet 5-1/2 pipe with 100 sacks cement. 1440 feet of 2" Tubing. Schlumberger Log. Perf Gallup, W/4 shots to the foot, 1364-1414, 1428-1442, Frac, W-72. 500 Lb Sand and 40.000 gallons oil. Break down 2300 then shut down, oil leak, then back between 900 to 1000, used 175 balls. I.R. 60 BPM, Swabbed back

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

Company J.N. Abraham

Address 224-1 st National Bank Bldg.

Albuquerque, New Mexico

By J.N. Abraham

Title \_\_\_\_\_

Figure 1 consists of three line graphs labeled (a), (b), and (c), each showing the effect of temperature on the growth of *L. monocytogenes* in different media. The x-axis for all graphs is Temperature (°C) ranging from 4 to 42. The y-axis is log<sub>10</sub> CFU/g ranging from 0 to 10. Each graph has a horizontal line at log<sub>10</sub> CFU/g = 0. An upward arrow indicates growth, and a downward arrow indicates inhibition.

- (a) TCM: Growth occurs from 4°C to 37°C, with a peak at 37°C (log<sub>10</sub> CFU/g ≈ 9.5). Inhibition occurs from 37°C to 42°C.
- (b) TCM + 10% serum: Growth occurs from 4°C to 37°C, with a peak at 37°C (log<sub>10</sub> CFU/g ≈ 9.5). Inhibition occurs from 37°C to 42°C.
- (c) TCM + 10% serum + 10% meat extract: Growth occurs from 4°C to 37°C, with a peak at 37°C (log<sub>10</sub> CFU/g ≈ 9.5). Inhibition occurs from 37°C to 42°C.