

Form 9-331a
(March 1942)

(SUBMIT IN TRIPLICATE)

Land Office Las CrucesLea 030187U. S. APR 8 1949

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APPROVED: February 18, 1949/s/ M. G. Soyster
DISTRICT ENGINEERUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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)

February 16, 1949

LaMunyon
Well No. 8 is located 660 ft. from N line and 1980 ft. from W line of sec. 22
SW of 22 23S 37E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Teague Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3296' 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)

After waiting forty-eight hours, the 9-5/8" casing was tested with 1200# pressure applied for 30 minutes. The plug was drilled and the casing and cement were tested with 1200# pressure applied for 30 minutes. Both tests were OK, and preparations were made to drill ahead.

Top of cement back of 9-5/8" csg @ 1930' per temperature survey.

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

Company Gulf Oil CorporationAddress P. O. Box 1667Hobbs, New MexicoBy /s/ E. J. GallagherTitle District Engineer

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28°C. The cell concentration of the *Agrobacterium* strains was adjusted to 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results were expressed as the mean ± SD of three independent experiments.