



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces

Lease No. LC 029512-b

Unit Jewett McDonald C #1
Cities Service Oil Co. and
R. Olsen Oil Co.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		<input type="checkbox"/>

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

August 25, 1958

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 18

SW 1/4 16 20-3 34-5 NM 14
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated Lee New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3623 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)

This well was drilled to 3270' in Anhydrite. Ran 99.3 jts. (3254.36') of 5 1/2" CP 11# casing set at 3266.66'. Cemented with 175 sacks Incor 40% Diazoal "D" plus 200 sacks neat on bottom. Cement circulated. Plug was down at 3:15 AM 8-23-58. Cement was allowed to set 36 hours before testing for shut-off. Prior to drilling plug, a hydraulic pressure of 1200# was applied during a 30 minute interval with no drop in pressure. After drilling plug a hydraulic pressure of 700# was applied during a 30 minute interval with no drop in pressure. Drilling resumed.

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

Company Cities Service Oil Co. and R. Olsen Oil Co.

Address Box 97

Hobbs, New Mexico

By [Signature]

Title Dist. Supt.

1. *Pharmaceuticals* – The pharmaceutical industry is a major contributor to the U.S. economy, with sales exceeding \$300 billion in 2000. The industry is heavily regulated by the FDA, which oversees the safety and efficacy of drugs. The industry is also heavily scrutinized by Congress and the public for high prices and potential conflicts of interest.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent standard deviation.

^a The number of subjects in each group was 10.