

Form 2-581a
(March 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 062384
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.....	<u>Y</u>	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)

August 8, 1950

Well No. 4 is located 660 ft. from N line and 1630 ft. from E line of sec. 13

SE 1/4 Sec. 13
(1/4 Sec. and Sec. No.)

26S
(Twp.)

37E
(Range)

N.M.P.
(Meridian)

South Leonard (Ext.)
(Field)

Lea
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 3,000 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)

On August 7 we recovered 1045' of the 8-5/8" seamless steel casing which was cemented at a total depth of 1157'. This leaves 112' of 8-5/8" casing cemented in the hole at the interval from 1045-1157'.

On August 7 the well was at a total depth of 3250' in hard lime. We ran 3250' of 7", 20#, 8 rd. thread seamless steel casing and cemented with 350 sacks of 8# Jel and 50 sacks of neat cement. On the morning of August 8 a temperature survey of the well was made and the survey indicates that the top of the cement is 342' below the surface. The cement work and the temperature survey were performed by Halliburton. The driller's log indicates tentatively that the T/Salt is at 1200'. We will let the well stand for 72 hours and will test for a water shut-off. A copy of the temperature survey will be furnished as soon as it is available. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Leonard Oil Company

Address P. O. Box 872

Roswell, New Mexico

By Emmett A. White

Title Vice-President