

(SUBMIT IN TRIPLICATE)

Office Las Cruces, N.M.

No. 032233(B)

UNITED STATES GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Unit

E. A. Sowers - Federal

## 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 <del>REPAIR</del> REPAIR	X
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 11, 1947

Well No. B-3 is located 330 ft. from SW line and 330 ft. from E line of sec. 20  
 of Section 20 18-S 38-E (Meridian)  
 (1/4 Sec. and Sec. No.) (Twp.) (Range)  
Hobbs Lea New Mexico  
 (Field) (County or Subdivision) (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)

Pulled 3" tubing. Ran 6 1/2" Rock bit and reamed from 1834 to 1838, 1922 to 1925, and 4180 to 4125. Went in hole with 2 1/2" tbg, set Baker Model "K" retainer in open hole at 4170'. Squeezed 1000 sacks cement and squeezed 60 sacks below retainer. Pulled tubing. Ran 2 1/2" tbg. with 6 perforated couplings spaced 400' apart. Tested well but no fluid in hole. Pulled tbg. and removed couplings. Perforated open hole from 4154 to 4070, 4060 to 4055, 4050 to 4045 & 4040 4025. Acidized with 2000 gallons. Swabbed well dry. No fluid came in hole after 8 hours. Drilled out cement. Circulated 1 hour, pulled tbg & perforated from 4184 to 4178. Ran tbg & shut well in. Acidized with 1000 gallons and swabbed out acid water and 71 bbls. of oil. Swabbed well dry. Shut in well. Made 5 bbls PLO in 24 hours by gas lift. Set Robinson packer at 4140. Treated formation with 3000 gallons acid. Swabbed well dry. Shut well in. Pulled tubing and drilled retainer. Perforated from 4171 to 4188. Ran tbg. Pulled tbg & re-ran with 5 perforated coupling. Well made sulphur water on test. Tested and made 58 bbls 80% sulphur water. On test made 34 bbls oil & 4 bbls water in 24 hrs. Made 63 bbls 70% water, on 18 hr test. Final test made 41 bbls fluid, 90% water.

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

Company Humble Oil & Refining Co.

Address Box 1600, Midland, Texas

By R. S. Sowers

Title Division Petroleum Engineer