



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 029195
Unit Union

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	<u>Subsequent Report of Acid & Frac</u>	<u>X</u>

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

Loce Hills, N. M. June 11, 1958

Well No. 4 is located 990 ft. from N line and 330 ft. from E line of sec. 35

NE 1/4 Sec. 35 16-2 23-2 N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Square Lake Doity New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3609 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)

RECORD OF ACID & FRAC:

5-30 Loaded hole & broke down with 12 bbls. 20% SLT HCL & 166 NO., followed by 836 NO containing 30,000# 40-60 & 30,000# 20-40 Ottawa Sand. Finished with 98 NO. Max. inj. press. = 3,000 psig; minimum 2,750; SD press. = 2,400; 20 min. SIP 2,000; 18 hr. SIP 10" psig. Total inj. time 25 min; Ave. inj. rate = 40 B.P.M. Lost oil to recover = 1100 bbls. Used 2 - Fracmaster 1200's, 2 - Fracmaster 600's, and Master Mixer 60. Job by Western Co.

RESULTS OF ACID & FRAC:

5-31 Ran 2" EKH tubing to 2999'. Ran mud 7 times, well kicked off & flowed.
6-1 Stopped & flowed 604 NO in 18 hrs. thru 3/4" tubing choke.
6-2 Flowed 493 NO in 24 hrs. thru 3/4" tubing choke. NET oil 17 bbls.
6-3 Flowed 89.7 NO in 5 hrs. thru 3/4" tubing choke.

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

Company GENERAL AMERICAN OIL CO. OF TEXAS

Address Box 416

Loce Hills, N. M.

By R. J. Heard,

Title Dist. Supt.