

(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Las Cruces  
Lease No. 028784 (c)  
Unit Keely C

## 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.....	<input checked="" type="checkbox"/>
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.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Loco Hills, New Mexico, July 21, 19 50Well No. 43-C is located 2615 ft. from N/S line and 25 ft. from E/W line of sec. 25SW 1/4 Section 25  
(1/4 Sec. and Sec. No.)T4N 17-S  
(Twp.)29-E  
(Range)NMPH  
(Meridian)Grayburg-Jackson  
(Field)Eddy  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the derrick floor above sea level is 3580 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 COMPLETED AS FOLLOWS:

TOTAL DEPTH: 3192' by SLMPAY ZONES: 2974-76', 3048-51', 3065'-3119' (broken = estimated 5' of net effective pay.)

## ACIDIZING RECORD:

At Total Depth 3057'Bailed 17-1/2 GPH Natural (= 10 BOPD).Washed with 336 gallons of 20% HCl.Treated with 1680 gallons of 20% HCl from 2930'-3057' using Dowell pilot electrode to control acid. Followed oil/acid interface down with Dowell Survey Electrode which showed acid to have entered formation as follows:

(Continued on Sheet -2-)

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 COMPANY OF TEXASAddress Box 416, Loco Hills, New MexicoBy R. J. Heard (Signature)Title Field Supt.

C O P Y

ACIDIZING RECORD At Total Depth 3057' (Continued):

Depth	6 P.M.	%
2974-76'	1.12	14.81
3048-50'	1.44	19.05
3050-50½'	5.00	66.14
TOTAL	7.56	100.00

RESULTS: Swabbed 33.81 BO in 12 hours thru 2" tubing (made 8.97 BO last 6 hours of this test = rate of 36 BOPD).  
Retreated with 3500 gallons of 20% HCl from 2915'-3057' (conventionally below hookwall packer set at 2908' in pipe). RESULTS: Swabbed 40.71 BO in 10-¾ hours thru 2" tubing (made 8.28 BO last 2-¾ hours of this test = rate of 72 BOPD).  
At Total Depth 3188' well swabbed 40.71 BO in 24 hours thru 7" casing.  
At Total Depth 3192' well making an estimated 10 BOPD from zone 3057'-3192' only.  
Washed with 200 gallons of 20% HCl.  
Treated with 1500 gallons of 20% HCl from 3055'-3192' using Dowell Pilot Electrode to control acid. Dowell Survey Electrode showed no acid to have entered formation below 3119'. RESULTS: Flowed from all zones - 363.86 BO in 18-¾ hours thru open 2" tubing (made 88.32 BO last 6 hours of this test = rate of 353 BOPD.)

INITIAL PRODUCTION: Flowed at rate of 353 BOPD thru open 2" tubing based on the last 6 hours gauge of an 18-¾ hour test.

COMPLETION DATE: July 15, 1950.

SUBSEQUENT FLOW TESTS:

- 7-17-50 Well shut in 14 hours then flowed 46.92 BO in 2 hours thru ¾" choke.
- 7-18-50 Well shut in 6 hours then flowed 138.00 BO in three 2 hour flows thru ¾" choke with GOR 1136/1 (in 24 hours).
- 7-19-50 Flowed 124.89 BO in three 2 hour flows per 24 hours thru ¾" choke with GOR 1275/1.
- 7-20-50 Flowed 110.30 BO in one 1 hour flow and two 2 hour flows per 24 hours thru ¾" choke.
- 7-21-50 Flowed 124.20 BO in three two hour flows per 24 hours thru ¾" choke.

REMARKS: The above report will confirm conversation on or about July 11, 1950 between Mr. John Frost and Mr. N. W. Krouskop.