

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 028784 (c)
Unit Kealy 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, September 29, 50

Well No. 33-C is located 2615 ft. from NW line and 2615 ft. from E line of sec. 25

SE 1/4 Section 25
(1/4 Sec. and Sec. No.)

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 3585 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)

TOTAL DEPTH: 3144'.

PAY ZONES: 3076-77'.

3090-93' broken (= estimated 1' of net effective pay).

3122-39' broken (= estimated 5' of net effective pay).

THIS WELL WAS ACIDIZED AS FOLLOWS:

At Total Depth 3144':

Natural tested 16 GPH bailing (= rate of 9 BOPD).

Washed with 420 gallons of 20% HCl (in two applications).

Treated with 1080 gallons of 20% HCl from 3006-3144' using Dowell Pilot Electrode to control acid. Dowell Survey Electrode showed 100% acid to have entered formation from 3092-93'. RESULTS OF THIS TREATMENT: Swabbed 27.82 BO in 12 hours thru 2" tubing (made 15.3% BO last 8 hours of this test @ 16 BOPD).

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

Company GENERAL AMERICAN OIL COMPANY OF TEXAS

Address Box 416

Loco Hills, New Mexico

By Norman W. Krouskop (Signature)

Title Asst. Field Supt.

Coor. Adm.

At Total Depth 3144' (Continued):

Treated with 1000 gallons of 20% HCl from 3100-44' using Dowell Pilot Electrode to control acid. RESULTS OF THIS TREATMENT: Swabbed 100.55 BO (part load oil) in 29-3/4 hours thru 2" tubing (swabbing 2.76 BOPH at end of this test = rate of 66 BOPD). Good increase in gas.

Attempted to retreat with 2500 gallons of 20% HCl from 3100-44'. After injecting 2225 gallons, treatment had to be stopped due to excessive injection pressure and a low injection rate. Dowell Pilot Electrode was used to control acid. RESULTS OF THIS TREATMENT: Swabbed 148.44 BO (part load oil) in 36 hours thru 2" tubing (swabbing 2.76 BOPH at end of this test = rate of 66 BOPD). No increase.

Retreated with 6000 gallons of 20% HCl from 2987' (casing seat) - 3144'. (Conventionally below set hookwall packer). RESULTS OF THIS TREATMENT: Flowed 80.86 BO in 10 hours thru open 2" tubing (= rate of 194 BOPD - well made 8.32 BO last 1 hour of this test).

INITIAL PRODUCTION: Flowed 194 BOPD thru open 2" tubing (based on a 10 hour test).

COMPLETION DATE: September 12, 1950.

SUBSEQUENT FLOW TESTS:

- 9-14-50: After unseating packer and dumping 103 barrel load, pulling tubing installation used for acidizing, and rerunning 2" tubing to 3089' ran sinker bar to break tubing disks and well kicked off without swabbing and flowed 104.88 BO in 7-1/2 hours thru open 2" tubing.
- 9-15-50: Well shut in 8 hours then flowed 53.13 BO in 24 hours stopcocking eight 29 minute flows thru 1" choke with GOR 1373/1.
- 9-16-50: Flowed 47.61 BO in 24 hours on same method flow.
- 9-17-50: Flowed 45.76 BO in 24 hours on same method of flow with GOR 1472/1.
- 9-18-50: Flowed 61.64 BO in 24 hours stopcocking two 29 minute flows and nine 40 minute flows thru 1" choke with GOR 1872/1.
- 9-19-50: Flowed 46.23 BO in 24 hours stopcocking twelve 40 minute flows thru 1" choke.
- 9-20-50: Flowed 39.33 BO in 24 hours stopcocking three 40 minute and nine 27 27 minute flows thru 1" choke.
- 9-21-50: Flowed 38.64 BO in 24 hours stopcocking twelve 29 minute flows thru 1" choke.

REMARKS: This report will confirm telephone conversation of September 6, 1950, between Mr. John Frost and Mr. N. W. Krouskop.