

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Las Cruces**  
Lease No. **028784-93 (b)**  
Unit **Kelly #3**

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.....	<b>X</b>
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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

**Lees Hills, New Mexico, June 25**, 19**51**

Well No. **22-B** is located **1295** ft. from **N** line and **25** ft. from **E** line of sec. **26**

**SE/4 Section 26**  
(1/4 Sec. and Sec. No.)

**17-S**  
(Twp.)

**29-E**  
(Range)

**RHPN**  
(Meridian)

**Grayburg-Jackson**  
(Field)

**Edley**  
(County or Subdivision)

**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **3583** 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 DEEPEMED AND RECOMPLETED AS FOLLOWS:

OLD TOTAL DEPTH: **3138'**.

NEW TOTAL DEPTH: **3247'**.

NEW GRAYBURG-JACKSON PAYS:

**3142-44'**

**3155-66'** broken (= estimated 5' of not effective pay).

**3163-98'** broken (= estimated 5' of not effective pay).

**3206-07'**

(Continued on Sheet Two)

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 TEXAS**

Address **Box 416, Lees Hills, New Mexico**

By

**R. J. Board,**  
**Field Supt.**

Title

ACIDIZING RECORD:

At Total Depth 3247':

Prior to acidizing well swabbed 51.75 BO in 24 hours thru 7" casing from all zones.

Washed with 360 gallons of 20% HCl (in two applications) then swabbed 28.98 BO in 5 hours thru 2" tubing from all zones (not a representative test - recovery included some accumulation).

Isolated zone from 3138'-3247' with formation packer then swabbed 13.11 BO in 10 hours (made 7.59 BO last 7 hours this test = rate of 25.92 BOPD) natural from zone 3138'-3247' only.

On 6-9-51 treated with 1000 gallons of 20% HCl from 3138'-3247'. RESULTS OF THIS TREATMENT: Flowed 128.75 BO in 28 hours (made 32.43 BO last 8 hours this test = rate of 97.29 BOPD) thru 1-1/2" choke on 3" tubing from zone 3138'-3247' only.

On 6-10-51 retreated with 2500 gallons of 20% HCl from 3138'-3247'. RESULTS OF THIS TREATMENT: Flowed 133.86 BO in 19 hours (made 42.78 BO last 8 hours this test = rate of 128.34 BOPD) thru 1-1/2" choke on 3" tubing from zone 3138'-3247' only.

On 6-11-51 retreated with 3500 gallons of 20% HCl from 2999'-3132' (thru side door choke above formation packer). RESULTS OF THIS TREATMENT: Swabbed 32.14 BO (net) in 7 hours (= rate of 110.16 BOPD) thru 3" tubing from zone 2999'-3132' only.

NET INITIAL PRODUCTION: Flowed and swabbed at rate of 238.50 BOPD thru 3" tubing from all zones.

COMPLETION: 6-11-51.

FINAL TUBING INSTALLATION: On 6-12-51 ran 3185.09' (101 joints plus mud anchor) of 2" EUE 4.7# 8 rd thrd tubing with old style American Flow Packer at 2976.65'.

SUBSEQUENT FLOW TESTS:

6-13-51: After running 2" tubing well shut in 11 hours (tubing pressure = 360#, casing pressure = 200#) then flowed 27.60 BO in 2 hours thru 3/4" choke.

6-14-51: Flowed 55.89 BO in 24 hours stopcocking three 2 hour flows thru 3/4" tubing choke with GOR 2168/1.

6-15-51: Flowed 56.58 BO in 24 hours on same method of flow.

6-16-51: Flowed 57.96 BO in 24 hours on same method of flow.

6-17-51: Flowed 59.34 BO in 24 hours on same method of flow. (GOR-1377/1).

6-18-51: Flowed 57.96 BO in 24 hours on same method of flow.