

(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.....	X
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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Loco Hills, New Mexico, September 5, 1950

Well No. 37-C is located 1295 ft. from MY line and 2615 ft. from E line of sec. 25
SE/4 Section 25 17-S 29-E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grayburg-Jackson Eddy New Mexico
(Field) (County or Subdivision) (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: 3228'.

PAY ZONES: 3156-57'
3188-93' broken (= estimated 1' of net effective pay).
3213-28' broken (= estimated 5' of net effective pay).

THIS WELL WAS ACIDIZED AS FOLLOWS:

At Total Depth 3228':

Natural tested 29 GOPH bailing (= rate of 16-1/2 BOPD).

Wash with 500 gallons of 20% HCl (2 applications) then tested 72 GO in 2 hours bailing (= rate of 20-1/2 BOPD).

(Continued on Page -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 TEXAS

Address Box 416, Loco Hills, New Mexico

By M. W. Krouskop (Signature)

Title Asst. Field Supt.

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At Total Depth 3228' (Continued):

Treated with 1670 gallons of 20% HCl from 3111-3228' 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:

DEPTH	GPM	PERCENT
3188-93'	10.172	33.87
3213-18'	11.878	39.55
3218-23'	4.313	14.36
3225-27'	1.611	5.37
3227-28'	2.057	6.85
TOTAL	30.031	100.00

RESULTS OF THIS TREATMENT: Swabbed 48.30 BO in 13 hours thru 2" tubing (made 16.56 BO last 6 hours of this test = rate of 66.24 BOPD).

Retreated with 3500 gallons of 20% HCl from 3069-3228' (conventionally below hookwall packer set at 3027').

RESULTS OF THIS TREATMENT: Flowed 212.52 BO in 15-1/2 hours thru open 2" tubing (well flowing at rate of 11.04 BOPH last 3-1/4 hours of this test = rate of 264.96 BOPD).

INITIAL PRODUCTION: Flowed at rate of 265 BOPD thru open 2" tubing (based on last 3-1/4 hours of a 15-1/4 hour test).

COMPLETION DATE: 8-29-50.

SUBSEQUENT FLOW TESTS:

- 8-30-50: Unseated packer, dumped oil load (106 barrels), pulled 2" tubing and reran to 3183' with old style American Packer at 2964'. Pulled swab one time and well kicked off and flowed 101.43 BO in 6 hours thru open 2" tubing.
- 9-1-50: Well shut in 12:20 then flowed 60.72 BO in four 30 minute flows/24 hours thru 3/4" choke with GOR 608/l.
- 9-2-50: Flowed 57.96 BO in four 30 minute flows/24 hours thru 3/4" choke with GOR 687/l.
- 9-3-50: Flowed 56.58 BO in four 30 minute flows/24 hours thru 3/4" choke with GOR 845/l.

REMARKS: This report will confirm telephone conversation of August 27, 1950, between Mr. John Frost and Mr. W. W. Krouskop.

At Total Depth 3228' (Continued):
Treated with 1570 gallons of 20% HCl from 3117-3228' using Downell
Pilot Electrode to control acid. Followed oil/sand interface
down which Downell Electrode which showed acid to have
entered formation as follows:

DEPTH	GPM	PERCENT
3182-93'	10.172	33.87
3213-18'	11.878	39.55
3218-23'	4.313	14.36
3225-27'	1.611	5.37
3227-28'	2.057	6.85
TOTAL	30.031	100.00

RESULTS OF THIS TREATMENT: Swapped 48.30 BO in 13 hours thru 2"
tubing (made 16.56 BO last 6 hours of this test = rate of
66.24 BOPD).
Retreated with 3500 gallons of 20% HCl from 3069-3228' (conventionally
below hookwall packer set at 3027').
RESULTS OF THIS TREATMENT: Flowed 212.52 BO in 15-1/2 hours thru open
2" tubing (well flowing at rate of 11.00 BO/H last 3-1/2 hours
of this test = rate of 264.96 BOPD).

INITIAL PRODUCTION: Flowed at rate of 265 BOPD thru open 2" tubing (based on last
3-1/2 hours of a 15-1/2 hour test).

COMPLETION DATE: 8-29-20.

SUBSEQUENT FLOW TESTS:

8-30-20: Unseated packer, dumped oil load (106 barrels), pulled 2" tubing
and return to 3183' with old style American Packer at 2064'.
Pulled swap one time and well kicked off and flowed 101.43
BO in 6 hours thru open 2" tubing.
9-1-20: Well shut in 12:20 then flowed 60.72 BO in four 30 minute flows/24
hours thru 3/4" choke with GOR 608/1.
9-2-20: Flowed 57.96 BO in four 30 minute flows/24 hours thru 3/4" choke
with GOR 687/1.
9-3-20: Flowed 56.58 BO in four 30 minute flows/24 hours thru 3/4" choke with
GOR 845/1.

REMARKS: This report will confirm telephone conversation of August 27, 1920,
between Mr. John Frost and Mr. W. W. Kromakop.