Form 9-331a
(Feb. 1951)

C O P

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

Land Office Las Cruces
Lease No. 028784 (c)
Unit Keely "C"

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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, January 5, 19 51

Well No. 29-C is located 1345 ft. from {N/S} line and 1345 ft. from {E/W} line of sec. 26

NW/4 Section 26 (¼ Sec. and Sec. No.) 17-S (Twp.) 29-E (Range) NMPM (Meridian)

Grayburg-Jackson (Field) Eddy (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 3579 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: 2990'.

PAY ZONES: 2780-83', 2866-69', 2914-17'.

THIS WELL ACIDIZED AS FOLLOWS:

At Total Depth 2845':

Natural bailed 3.5 GOPH (= rate of 2 BOPD).
Washed with 250 gallons of 20% HCl.
On 12-1-50 treated with 1250 gallons of 20% HCl from 2735'-2845' (below formation packer). RESULTS OF THIS TREATMENT: Swabbed 14.04 BO in 13 hours thru 3" tubing (made 3.12 BO last 5 hours this test = rate of 14.88 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 N. W. Krauskop (Signature)

Title Asst. Field Supt.

C O P Y

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

At Total Depth 2845' (Continued):

On 12-2-50 retreated with 3000 gallons of 20% HCl from 2735'-2845' (below formation packer). RESULTS OF THIS TREATMENT: Swabbed 25.48 BO in 16 hours thru 3" tubing (made 5.98 BO last 8 hours this test = rate of 17.94 BOPD).

At Total Depth 2990':

Washed with 500 gallons of 20% HCl (3 applications) then bailed 132 GO in 6 hours (= rate of 12.57 BOPD) from all zones.

Isolated zone from 2853'-2990' with formation packer then bailed 45.60 BO in 6 hours (= rate of 4.34 BOPD) natural thru 3" tubing from zone 2853'-2990' only.

On 12-11-50 treated with 1000 gallons of 20% HCl from 2853'-2990'. RESULTS OF THIS TREATMENT: Swabbed 57.25 BO in 21:15 thru 3" tubing (made 13.05 BO last 9:15 this test = rate of 33.84 BOPD) from zone 2853'-2990' only.

On 12-12-50 retreated with 3000 gallons of 20% HCl from 2853'-2990'. RESULTS OF THIS TREATMENT: Swabbed 73.62 BO in 24 hours thru 3" tubing (made 12.42 BO last 7 hours this test = rate of 42.48 BOPD) from zone 2853'-2990' only.

INITIAL PRODUCTION: Swabbed at rate of 54.08 BOPD thru 2" tubing (based on last 3 hours of a 6 hour test).

COMPLETION DATE: 12-12-50 (date of last acid treatment).

FINAL TUBING INSTALLATION: On 12-20-50 installed Merla closed gas lift system with 2" conductor string, 2½" volume chamber and 1" macaroni string. Standing valve at 2956'.

SUBSEQUENT FLOW TESTS:

12-23-50: Flowed 43.16 BO in first 21 hours on gas lift.
12-24-50: Shut in 24 hours to pressure up.
12-25-50: After 24 hour shut-in tubing pressure = 315#. Well then we opened and flowed 1.30 BO in 30 minutes and died. Next 23:30 well flowed 33.54 BO on gas lift. Total 24 hour production = 34.84 BO.
12-26-50: Flowed 32.50 BO in 24 hours on gas lift.
12-27-50: Flowed 24.70 BO in 24 hours on gas lift.
1-5-51: Flowed 5.99 BO in 6 hours on gas lift (= rate of 23.96 BOPD).

REMARKS: This acidizing program was verbally approved by Mr. John Frost in telephone conversation with Mr. N. W. Krouskop on or about November 30, 1950.

An Hoolin Well 48-4 (Continued)

On 11-4-30 responded with 3000 gallons of 20% HCl from 7725'-8048' (below previous acidizing). [illegible] Tubing Pressure dropped 2[illegible] in 16 hours from 3" tubing (made 6.06 BO last 24 hrs in this test = rate of 47.4 BO D).

An August [illegible]:

[illegible] 500 gallons of 20% HCl (4 applications) when treated [illegible] 6 hours (= rate of 12.77 BO D) from all zones. Treated zone from 8089'-8290' with [illegible] pressure then bailed [illegible] in 6 hours (= rate of 4.34 BLPD) recovered from [illegible] 8089'-8290' only.

On 12-1-[illegible] treated with 1000 gallons of 20% HCl from 8089'-8290'. [illegible] Tubing Pressure dropped 57.25 PSI in 21.12 hours. [illegible] 3) [illegible] 9:12 hrs test = rate of [illegible] BLPD from zone 8089'-8290' only.

On [illegible] 3-30 responded with 1000 gallons of 20% HCl from 8089'-8290'. [illegible] Tubing Pressure dropped [illegible] in 20 hours then 24 hours then 24 hrs building (made 12.42 BO last 7 hours this test = rate of 42.48 [illegible]) from zone 8089'-8290' only.

[illegible]: Bailed at rate of 4.02 BOPD from zone 2" tubing (made [illegible] hours of [illegible] test).

[illegible]: 12-14-[illegible] (date of last zone treatment).

Final Status [illegible]: On 12-20-30 installed [illegible] with [illegible] which 24" [illegible] 2" [illegible] and 2" [illegible] [illegible] 2[illegible].

[illegible]:

[illegible]: Flowed [illegible] in first [illegible] hours [illegible].
[illegible]: Shut in [illegible] to measure [illegible].
[illegible]: After 24 hour build-up pressure = 2[illegible]. [illegible] opened and flowed 1.20 BO in 30 minutes and dies. [illegible] total flowed 2.[illegible] BO in [illegible]. Total 24 hour production = 34.40 BO.
[illegible]: Flowed 34.[illegible] in 24 hours on gas lift.
[illegible]: Flowed 4.70 BO in 24 hours on gas lift.
[illegible]: Flowed 5.[illegible] in [illegible] hours on gas lift (= rate of 42.[illegible] BO/D).

An [illegible] water injection program was verbally approved by Mr. John Grant in telephone conversation with Mr. M. [illegible] on or about [illegible], 1976.