

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Midland, Texas

October 20, 1958

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Murphy H. Baxter

State "18-13", Well No. 8

, in SE 1/4, SE 1/4,

(Company or Operator)

(Lease)

N
Unit Letter

Sec. 18

T -17-S, R. -13-E, NMPM, Maljamar

Pool

Lea

County. Date Spudded September 8 Date Drilling Completed 9-23-58

Please indicate location:

Elevation 4175' DF Total Depth 4525' PBD --

Top Oil/Gas Pay 4126 Name of Prod. Form Grayburg-San Andres

PRODUCING INTERVAL -

Perforations 4414-4398, 4386-76, 4384-4290, 4276-66, 4254-4218,
4196-86, 4148-26 Depth Casing Shoe 4521.48' Depth Tubing 4313.41'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke

load oil used): 68.42 bbls. oil, 0.2% bbls water in 24 hrs, -- min. Size 8/64"

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Tubing, Casing and Cementing Record

Size	Feet	Sax
9 5/8"	310.67	150
5 1/2"	4521.48	150
		1200 gal. cement
2 3/8"	4132.41	

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): Sandfraced w/90,000 gals. frac & 103,000# sand

Casing Tubing Date first new Press. 1500 Press. 7500 oil run to tanks Oct. 18, 1958

Oil Transporter Texas-New Mexico Pipe Line Co. Cactus

Gas Transporter None

Remarks: Flowed 68.42 Bbls. in 24 hrs. on 8/64" choke w/CGS 1340, Tubing Pressure 125#.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: , 19

Murphy H. Baxter

(Company or Operator)

By:

(Signature)

OIL CONSERVATION COMMISSION

By:

Title

Title

Petroleum Engineer

Send Communications regarding well to:

Name

Murphy H. Baxter

Address: 507 Midland National Bank Bldg.
Midland, Texas

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations

$$\begin{aligned} & \frac{dx}{dt} = f(x, y, z, t), \\ & \frac{dy}{dt} = g(x, y, z, t), \\ & \frac{dz}{dt} = h(x, y, z, t), \end{aligned}$$

where f, g, h are continuous functions of x, y, z, t and satisfy the Lipschitz condition with respect to x, y, z .

It is well known that the system of equations (1) has a unique solution for any initial conditions

$$\begin{aligned} & x(0) = x_0, \\ & y(0) = y_0, \\ & z(0) = z_0, \end{aligned}$$

if the functions f, g, h are continuous and satisfy the Lipschitz condition with respect to x, y, z .

2. In the second part of the paper

we consider the case when

the functions f, g, h are continuous and satisfy the Lipschitz condition with respect to x, y, z .