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NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico REQUEST FOR (OIL) - (GAS) ALLOWABLE

(Form C-104)
Revised 7/1/57

DEC 23 1962

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 in 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.

Hobbs, New Mexico

December 27, 1962

(Place)

(Date)

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

Tenneco Corporation * USA-Mahurin NM 051623, Well No. 3, in NW $\frac{1}{4}$ SE $\frac{1}{4}$,
(Company or Operator) (Lease)

J Sec. 24, T. 15-S, R. 28-E, NMPM., Round Jack Pool

Chaves

County. Date Spudded 11-23-62 Date Drilling Completed 11-26-62

Please indicate location:

Elevation 3724 (DF) Total Depth 3102 PBDT 3084

Top Oil/Gas Pay 2816 Name of Prod. Form. San Andres

PRODUCING INTERVAL -

Perforations 3036-38, 3061-63, 3078-80

Open Hole _____ Depth _____ Casing Shoe 3101 Depth _____ Tubing 3050

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 20 bbls.oil, 8 bbls water in 24 hrs, 0 min. 13-48" SPM

GAS WELL TEST -

1-1/4" Pump

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

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): 500 gals acid, 952 bbls oil, 60,000# sand.

Casing Press. 0 Tubing Press. 0 Date first new oil run to tanks December 21, 1962

Oil Transporter The Permian Corporation

Gas Transporter None

Remarks: * By its Managing Agent Tenneco Oil Company

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

Approved DEC 23 1962, 19

Tenneco Oil Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: M.L. Armstrong

Title OIL AND GAS INSPECTOR

By: A.W. Lang
(Signature)

Title District Production Superintendent

Send Communications regarding well to:

Name Tenneco Oil Company

Address Box 307, Hobbs, New Mexico

USA-Mehurin NM 051623 No. 3
Unit J, Sec. 24, T-15-S, R-28-E
Chaves County, New Mexico

DEVIATION SURVEYS

<u>Depth</u>	<u>Degrees of Deviation</u>
310	1 1/4
800	1 1/4
1339	1 1/2
1870	1
2347	1/2
2880	3/4
3102	1

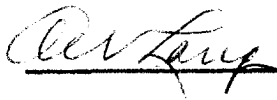
AFFIDAVIT

State of New Mexico

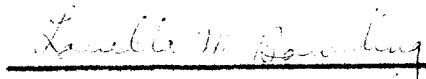
County of Lea

Before me on this day personally appeared A. W. Lang, known to me to be the person whose name is subscribed to this instrument, who after being duly sworn on Oath states that he represents Tenneco Oil Company in the capacity of District Production Superintendent and that said report of Deviation Surveys contains no misstatements or inaccuracies and that no pertinent matter has been omitted, and that affiant is duly authorized to make this affidavit.

TENNECO OIL COMPANY

 A.W. Lang

Sworn to and subscribed before me this 27th day of December, 1962.

 Loretta M. Bunting Notary Public in and for Lea County, New Mexico.
My Commission Expires February 13, 1966.

- $\frac{1}{2} \frac{d}{dt} \int_{\mathbb{R}^n} |u|^2 dx = \int_{\mathbb{R}^n} u \Delta u dx$
- $\frac{1}{2} \frac{d}{dt} \int_{\mathbb{R}^n} |u|^2 dx = - \int_{\mathbb{R}^n} |\nabla u|^2 dx$
- $\frac{1}{2} \frac{d}{dt} \int_{\mathbb{R}^n} |u|^2 dx = - \int_{\mathbb{R}^n} |\nabla u|^2 dx$

1.1.1. The heat equation

Consider the heat equation

$$u_t = \Delta u$$

$$u(0, x) = u_0(x)$$

$$u(t, x) = u(t, x)$$

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1.1.2. The wave equation

Consider the wave equation

$$u_{tt} = \Delta u$$

Consider the wave equation $u_{tt} = \Delta u$ in \mathbb{R}^n . The initial data $u(0, x) = u_0(x)$ and $u_t(0, x) = u_1(x)$ are given. The solution $u(t, x)$ is given by the formula

$$u(t, x) = \frac{1}{2} (u_0(x) + u_0(x)) + \frac{1}{2} \int_{|y| \leq t} \nabla u_0(y) \cdot \nabla u_1(x-y) dy + \frac{1}{2} \int_{|y| \leq t} u_1(y) \Delta u_0(x-y) dy$$

where $\Delta u_0(x-y) = \Delta u_0(x-y)$ and $\nabla u_0(y) \cdot \nabla u_1(x-y) = \nabla u_0(y) \cdot \nabla u_1(x-y)$.

Consider the wave equation

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Consider the wave equation $u_{tt} = \Delta u$ in \mathbb{R}^n . The initial data $u(0, x) = u_0(x)$ and $u_t(0, x) = u_1(x)$ are given. The solution $u(t, x)$ is given by the formula

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$$u(t, x) = \frac{1}{2} (u_0(x) + u_0(x)) + \frac{1}{2} \int_{|y| \leq t} \nabla u_0(y) \cdot \nabla u_1(x-y) dy + \frac{1}{2} \int_{|y| \leq t} u_1(y) \Delta u_0(x-y) dy$$

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	GAS
PRODUCTION OFFICE	
OPERATOR	2

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Tenneco Corporation by its Managing Agent Tenneco Oil Company				Lease USA-Mehurin NM 051623		Well No. 3	
Unit Letter J	Section 24	Township 15-S	Range 28-E		County Chaves		
Pool Undersigned					Kind of Lease (State, Fed, Fee) Federal		
If well produces oil or condensate give location of tanks			Unit Letter 0	Section 24	Township 15-S	Range 28-E	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> The Permian Corporation				Address (give address to which approved copy of this form is to be sent) Box 4157, Midland, Texas			
Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/> None			Date Connected	Address (give address to which approved copy of this form is to be sent)			

If gas is not being sold, give reasons and also explain its present disposition:

Gas pipeline not available. Produced gas is vented.

REASON(S) FOR FILING (please check proper box)

New Well ☒ Change in Ownership ☐
 Change in Transporter (check one) Other (explain below)
 Oil ☐ Dry Gas ☐
 Casing head gas ☐ Condensate ☐

RECEIVED

DEC 26 1962

**C. D. P.
ARTERIA, OFFICE**

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 27th day of December, 1962.

OIL CONSERVATION COMMISSION

Approved by

Title

Date

By

Title

Company

Address

M. L. Armstrong
OIL AND GAS INSPECTOR

A. W. Lang
A. W. Lang

District Production Superintendent

Tenneco Oil Company

Box 307, Hobbs, New Mexico

DEC 26 1962