

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED

JAN 27 1954  
New Well

REQUEST FOR (OIL) - ~~ALLOWABLE~~ ALLOWABLE

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

1-25-54

(Place)

(Date)

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

Humble Oil & Refining Company E. C. Winters & Co., Well No. 2, in NE 1/4, NE 1/4,  
(Company or Operator) (Lease)  
C, Sec. 18, T. 25-S, R. 37-E, NMPM., Undesignated Pool  
(Unit)  
Lea County. Date Spudded 12-31-53, Date Completed 1-23-54

Please indicate location:

	X		

Unit C

Casing and Cementing Record  
Size Feet Sax

8-5/8	1120	800
5-1/2	3253	950

Elevation 3126 Gr. Total Depth 3400, P.B. -

Top oil/gas pay 3265 Prod. Form 14ms

Casing Perforations: None or

Depth to Casing shoe of Prod. String 3265

Natural Prod. Test - BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot 81.12 BOPD

Based on 81.12 bbls. Oil in 24 Hrs. 0 Mins.

Gas Well Potential -

Size choke in inches 20/64

Date first oil run to tanks or gas to Transmission system: 1-23-54

Transporter taking Oil: Humble Pipe Line Co.

Transporter taking Gas: El Paso Natural Gas Company

Remarks: 34° API Gravity, GOR 2510, Gas volume 204 Mcf/day.

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

Approved JAN 29 1954, 19

Humble Oil & Refining Co.

(Company or Operator)

By: [Signature] (Signature)

Title: District Superintendent

Send Communications regarding well to:

Name: Humble Oil & Refining Co.

Address: Box 2347, Hobbs, N. M.

OIL CONSERVATION COMMISSION

By: [Signature]

Title: Engineer District 1

mob/mob

1. Definition of a group (G,  $\cdot$ )

1.1. Associativity:  $(a \cdot b) \cdot c = a \cdot (b \cdot c)$

1.2. Identity:  $e \cdot a = a \cdot e = a$

1.3. Inverses:  $a \cdot a^{-1} = a^{-1} \cdot a = e$

2. Properties of groups

2.1. Cancellation Law:  $a \cdot b = a \cdot c \implies b = c$  and  $b \cdot a = c \cdot a \implies b = c$

2.2. Uniqueness of Identity and Inverses

2.3. Subgroups:  $H \leq G$  if  $H$  is a group under the same operation

2.4. Normal Subgroups:  $N \trianglelefteq G$  if  $g \cdot n = n' \cdot g$  for some  $n' \in N$

2.5. Quotient Groups:  $G/N$  is a group under  $(aN)(bN) = (a \cdot b)N$

2.6. Isomorphism:  $\phi: G \rightarrow H$  is an isomorphism if  $\phi(a \cdot b) = \phi(a) \cdot \phi(b)$

2.7. Automorphism:  $\phi: G \rightarrow G$  is an automorphism

2.8. Conjugation:  $a \cdot b \cdot a^{-1}$  is conjugate to  $b$

2.9. Direct Product:  $G \times H$  is a group

2.10. Semidirect Product:  $G \ltimes H$

2.11. Free Groups:  $F(S)$  is a free group on set  $S$

2.12. Free Abelian Groups:  $F_{ab}(S)$  is a free abelian group

2.13. Free Groups and Free Abelian Groups

2.14. Free Groups and Free Abelian Groups

2.15. Free Groups and Free Abelian Groups

2.16. Free Groups and Free Abelian Groups

2.17. Free Groups and Free Abelian Groups

2.18. Free Groups and Free Abelian Groups

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2.27. Free Groups and Free Abelian Groups