

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Gulf Oil Corporation - Box 2167, Hobbs, New Mexico
(Address)

LEASE Harry Leonard "F" WELL NO. 16 UNIT H S 2 T 21-S R 37-E

DATE WORK PERFORMED 7-13-thru 23-56 POOL Terry Blinney

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☒ Remedial Work

☐ Plugging

☒ Other Fracture treated

Detailed account of work done, nature and quantity of materials used and results obtained.

Fracture treated as follows:

1. Pulled rods and pump. Raised tubing to 5887'. Treated open hole formation from 5889-5975' with 20,000 gallons refined lease oil with 1/4 sand per gallon. Injection rate 10.9 bbls per minute. Snubbed and well kicked off.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3509' TD 5975' PBD - Prod. Int. 5889-5975' Compl Date 10-29-54

Tbng. Dia 2-3/8" Tbng Depth 5963' Oil String Dia 5-1/2" Oil String Depth 5889'

Perf Interval (s)

Open Hole Interval 5889-5975' Producing Formation (s) Lime

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>5-10-56</u>	<u>7-23-56</u>
Oil Production, bbls. per day	<u>17</u>	<u>51</u>
Gas Production, Mcf per day	<u>145.2</u>	<u>87.68</u>
Water Production, bbls. per day	<u>Trace</u>	<u>0</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>8541</u>	<u>1719</u>
Gas Well Potential, Mcf per day	<u></u>	<u></u>

Witnessed by F. C. Crawford Gulf Oil Corporation
(Company)

OIL CONSERVATION COMMISSION

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

Name [Signature]
Title Engineer District 7
Date

Name [Signature]
Position Area Supt. of Prod.
Company Gulf Oil Corporation

JUL 27 1956

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER) <u>fracture treat.</u>	<u>X</u>

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOHobbs, N.M.
(Place)7 6-19-56
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Gulf Oil Corporation Harry Leonard "T" Well No. 16 in H
(Company or Operator) (Unit)
Lot 8 1/4 of Sec. 2, T. 21S, R. 37E NMPM, Terry Blinkey Pool
(40-acre Subdivision)
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

In order to increase production, it is proposed to fracture treat as follows:

1. Raise tubing to approximately 5890'.
2. Treat formation with 22,000 gallons gelled lease oil with 1# sand per gallon.
3. Swab and test well.

Engineer District L.

Approved....., 19.....
Except as follows:Approved
OIL CONSERVATION COMMISSION

By.....

Title..... JUN 20 1956Gulf Oil Corporation
Company or OperatorBy..... E. F. JayPosition..... Area Supt. of Prod.
Send Communications regarding well to:Name..... Gulf Oil CorporationAddress..... Box 2167, Hobbs, N.M.

1. The first part of the paper is devoted to the study of the

properties of the function $f(x) = \sum_{n=1}^{\infty} \frac{1}{n^x}$ for $x > 1$.

It is well known that the function $f(x)$ is called the Riemann zeta function and is denoted by $\zeta(x)$. The function $\zeta(x)$ has a simple pole at $x=1$ and is analytic for $x > 1$.

The function $\zeta(x)$ is also defined for $x < 1$ by analytic continuation.

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2. The second part of the paper is devoted to the study of the

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It is well known that the function $f(x)$ is called the Riemann zeta function and is denoted by $\zeta(x)$.

The function $\zeta(x)$ has a simple pole at $x=1$ and is analytic for $x > 1$.

3. The third part of the paper is devoted to the study of the