

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Completion
MAY 22 1953

This form shall be submitted by the operator before an initial allowable will be assigned to any uncompleted 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

May 20, 1953

(Place)

(Date)

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

Gulf Oil Corporation Harry Leonard "A"

Well No. 27, in SE 1/4 SE 1/4,

(Company or Operator)

(Lease)

X

Sec. 2

T. 21-S

R. 32-E

NMPM,

Terry-Blinebry

Pool

(Unit)

Lea

County. Date Spudded 4-22-53

Date Completed 5-19-53

Please indicate location:

Elevation 3483' Total Depth 5970' P.B. -

Top oil/gas pay 5800' Top of Prod. Form Line

Casing Perforations: Open Hole or

Depth to Casing shoe of Prod. String 5750'

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid 96 BOPD

Based on 24 bbls. Oil in 6 Hrs. Mins.

Gas Well Potential

Size choke in inches 1/2"

Date first oil run to tanks or gas to Transmission system: 5-19-53

Transporter taking Oil or Gas: Shell Pipeline Co.

Casing and Cementing Record

Size Feet Sax

12-3/4"	293'	350
8-5/8"	3085'	1300
5-1/2"	5737'	195

Remarks:

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

Approved: MAY 22 1953, 19.

Gulf Oil Corporation

(Company or Operator)

By: R. J. Stanley

(Signature)

OIL CONSERVATION COMMISSION

Title: Asst. Area Prod. Supt.

Send Communications regarding well to:

Name: Gulf Oil Corporation
Box 2167, Hobbs, New Mexico

Address:

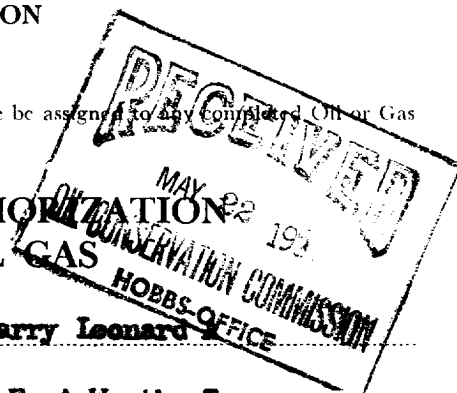
By: S. J. Stanley

Title: Engineer District 1

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS



Company or Operator..... **Gulf Oil Corporation** Lease..... **Harry Leonard**
Address..... **Box 2167, Hobbs, New Mexico** **Box 290, Fort Worth, Texas**
(Local or Field Office) (Principal Place of Business)
Unit..... **X** Well(s) No. **27** Sec. **2** T. **21-S** R. **32-E** Pool **Terry-Blinberry**
County..... **Lea** Kind of Lease: **State** **27**
If Oil well Location of Tanks..... **On Lease**
Authorized Transporter..... **Shell Pipeline Co.** Address of Transporter
..... **Midland, Texas** **Tulsa, Oklahoma**
(Local or Field Office) (Principal Place of Business)
Per cent of Oil or Natural Gas to be Transported..... **100** Other Transporters authorized to transport Oil or Natural Gas
from this unit are..... **NONE** %

REASON FOR FILING: (Please check proper box)

NEW WELL..... ☒ CHANGE IN OWNERSHIP..... ☐
CHANGE IN TRANSPORTER..... ☐ OTHER (Explain under Remarks)..... ☐
REMARKS:

It is requested that this well be placed in the Proration Schedule effective May 19, 1953.

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

Executed this the **20th** day of **May** 19.....

Gulf Oil Corporation

Approved....., 19.....

OIL CONSERVATION COMMISSION

By..... **A. J. Stanley**

Title..... **Engineer District 1**

By..... **R. G. M. S. Henson**

Title..... **Asst. Area Prod. Supt.**

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) ACIDIZING	XX

May 20, 1953

(Date)

Hobbs, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Fran Drilling Company

(Contractor)

Well No. 27 in the SE 1/4 SE 1/4 of Sec. 2

T. 21-S, R. 32-E, NMPM, Terry Blinbry Pool, Lea County.

The Dates of this work were as follows: May 19, 1953

Notice of intention to do the work (X) (was not) submitted on Form C-102 on....., 19.....

(Cross out incorrect words)

and approval of the proposed plan (X) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

On May 19, 1953, acidized from 5750-5970' w/6000 gallons 15% NE acid by Halliburton Oil Well Cementing Company thru 2-3/8" tubing and perforations in anchor at 5961-5965'. TP 2500-3000#, CP 1000-2000#. Flushed w/25 bbls oil.

RESULTS: Swabbed 19 bbls oil, 33 bbls acid water in 4-1/2 hours. Well kicked off and flowed 9 bbls oil, 21 bbls acid water in 3 hours. Swabbed and flowed 22 bbls oil, 11 bbls acid water in 7 hours. Flowed 24 bbls oil, 6 bbls water in 6 hours.

Witnessed by W. G. Cagle

(Name)

Gulf Oil Corporation

(Company)

Drilling Foreman

(Title)

Approved:

OIL CONSERVATION COMMISSION

S. J. Stanley

(Name)

(Title)

MAY 21 1953

(Date)

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

Name

Position

Representing

Address

Asst. Area Prod. Supt.

Gulf Oil Corporation

Box 2167, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) ACIDIZING	XX

May 19, 1953

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Fran Drilling Company

(Contractor)

Well No. **27** in the **SE** $\frac{1}{4}$ **SE** $\frac{1}{4}$ of Sec. **2**

T. **21-S** R. **32-E** NMPM, **Terry-Blinebry** Pool, **Lea** County.

The Dates of this work were as follows: **May 16, 1953**

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan ~~(was)~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

On May 16, 1953, acidized w/2000 gallons 15% NE acid w/straddle packers thru 2-3/8" tubing from 5785-5875' - Acidized thru 2-3/8" tubing w/ straddle packers from 5875-5970' w/2000 gallons 15% NE acid by Halliburton Oil Well Cementing Company. CP 500-2600#, TP 500-3000#. Flushed 24 bbls oil.

RESULTS: Swabbed 32 bbls oil and 28 bbls acid water in 4 hours. Well kicked off and flowed 58 bbls oil and 14 bbls water in 12 hours.

Witnessed by **W. G. Cagle**

(Name)

Gulf Oil Corporation

(Company)

Drilling Foreman

(Title)

Approved:

OIL CONSERVATION COMMISSION

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

Name **R. G. McPherson**

Position **Asst. Area Prod. Supt.**

Gulf Oil Corporation

Representing **Box 2167, Hobbs, New Mexico**

Address

MAY 20 1953

(Date)

(Title)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPlicate** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	XX	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

May 15, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation

Harry Leonard "A"

(Company or Operator)

(Lease)

Fran Drilling Company

Well No. 27 in the SE 1/4 SE 1/4 of Sec. 2

(Contractor)

T 21-S, R. 37-E, NMPM, Terry-Elnebry Pool, Lea County.

The Dates of this work were as follows: May 13-15, 1953

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 176 jts 5737' of 5-1/2" 15.50 and 14# J-55 SS casing. Set and cemented at 5750' w/195 sacks cement, 100 sacks 4% Gel and 95 sacks Neat on bottom. Plug at 5715'. Maximum pressure 800#. Gulf temperature survey after 8 hours showed top of cement at 4623'.

After waiting over 30 hours tested 5-1/2" casing w/1000# pressure for 30 minutes. There was no drop in pressure. Drilled cement from 5715-5750' and tested cement below casing shoe w/1000# for 30 minutes. There was no drop in pressure.

After approval of Mr. Yarbrough, State Oil and Gas Inspector, preparations were made to drill ahead.

Witnessed by W. G. Cagle Gulf Oil Corporation Drilling Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

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

Name: *W. G. Cagle*

Position: Asst. Area Prod. Supt.

Representing: Gulf Oil Corporation

Address: Box 2167, Hobbs, New Mexico

(Title)

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	XX	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

May 3, 1953

Hobbs, New Mexico

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Fran Drilling Company

(Contractor)

Well No. 27 in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 2

T. 21-S, R. 37-E, NMPM., Terry Hinebry Pool, Lea County.

The Dates of this work were as follows: April 28-30, 1953

Notice of intention to do the work (~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan (~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 98 jts 3085' of 8-5/8" OD 32 & 28# J-55 & H-40 SS Casing. Set and cemented at 3099' w/ 1300 sacks 4% Gel Longhorn bulk cement and 100 sacks neat on bottom. Plug at 3060'. Maximum pressure 1200#. Gulf temperature survey after 8 hours showed top of cement at 743' below rotary table.

After waiting over 30 hours tested 8-5/8" casing w/1000# for 30 minutes. There was no drop in pressure. Drilled cement plug from 3060' to 3099', tested cement below casing shoe w/ 1000# for 30 minutes. There was no drop in pressure.

After approval of Mr. Iarborough, State Oil and Gas Inspector, preparations were made to drill ahead.

Witnessed by W. G. Cagle Gulf Oil Corporation Drilling Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

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

Name R. M. McPherson

Position Asst. Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, N.M.

(Title)

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	XX	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

April 27, 1953
(Date)

Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Fran Drilling Company

(Contractor)

Well No. 27 in the SE 1/4 SE 1/4 of Sec. 2

T. 21-S., R. 37-E., NMPM., Terry-Blinebry Pool, Lea County.

The Dates of this work were as follows: April 23 - 24, 1953

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____,
(Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 14 joints of 12-3/4" OD SS Casing, 45#. Set and cemented at 309' w/350 sacks neat cement. Plug at 295'. Maximum pressure 300#. Cement circulated.

After waiting over 24 hours tested 12-3/4" casing w/800# pressure for 30 minutes. There was no drop in pressure. Drilled cement plug from 295' to 309', tested cement below casing shoe w/400# pressure for 30 minutes. There was no drop in pressure.

After approval of Mr. Yarberugh, State Oil and Gas Inspector, preparations were made to drill ahead.

Witnessed by W. G. Cagle Gulf Oil Corporation Drilling Foreman
(Name) (Company) (Title)

Approved:

OIL CONSERVATION COMMISSION

W. G. Yarberugh
(Name)

Oil & Gas Inspector

APR 27 1953

(Title)

(Date)

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

Name R. G. Smathers

Position Asst. Area Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico