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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 Gulf Oil Corporation				Lease Harry Leonard NCT-F	Well No. 4
Unit Letter W	Section 2	Township 21-S	Range 37-E	County Lea	

Pool Wants Abo	Kind of Lease (State, Fed, Fee) State			
If well produces oil or condensate give location of tanks	Unit Letter 0	Section 2	Township 21-S	Range 37-E

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>	Address (give address to which approved copy of this form is to be sent) Box 1598, Hobbs, New Mexico
--	--

Is Gas Actually Connected? Yes _____ No <input checked="" type="checkbox"/>		
Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent) Box 655, Lovington, New Mexico

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

Producing into test tank, waiting to tie into Btry.

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

New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	Change in pool designation.
Casing head gas . <input type="checkbox"/> Condensate . . <input type="checkbox"/>	

Remarks

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

Executed this the **29th** day of **September**, 19 **61**.

OIL CONSERVATION COMMISSION		By
Approved by		Title
Title		Area Production Manager
Date	Company	Address
	Gulf Oil Corporation	Box 2167, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mex.

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

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

~~New Well~~
Recompletion

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	GAS
REGISTRATION OFFICE	
OPERATOR	

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 QUADRUPPLICATE 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.

(Place)

(Date)

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

Gulf Oil Corporation Harry Leonard (NCT-F), Well No. 4, in SW 1/4 SE 1/4,
(Company or Operator) (Lease)
T. 21-S, R. 37-E, NMPM, Wantz Abc Pool
Unit Letter 2, Sec. 2, Date ~~Recompleted~~ 9-1-61

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

860' South, 1980' East

County. Date Spudded Recompleted
Elevation 3187' Total Depth 7778' PBTD 7575'

Top Oil/~~Survey~~ 6916' Name of Prod. Form. Wantz Abc

PRODUCING INTERVAL - 7150-52', 7208-10' & 7236-38'

Perforations 6916-18', 6988-90', 7072-74', 7098-7100', 7111-16', 7136-31'
Depth Casing Shoe 7133' Tubing

OIL WELL TEST -
Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): 2h bbls. oil, trace bbls water in 2h hrs, _____ min. Size 25/64"

GAS WELL TEST -
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): 7000 gals 15% Iron Stabilized acid, 230 bbls Salt Water

Casing Tubing Date first new oil run to tanks 9-1-61
Press. _____

Oil Transporter Shell Oil Corporation

Gas Transporter Warren Petroleum Corporation

Remarks: Spudded 9-1-61
Production from this well is being

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

Approved _____, 19____ **Gulf Oil Corporation**
(Company or Operator)

By: J. Russell
(Signature)

OIL CONSERVATION COMMISSION

Title Area Production Manager
Send Communications regarding well to:

By: _____

Name Gulf Oil Corporation

Title _____
Address Box 2167, Hobbs, New Mexico

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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 Gulf Oil Corporation			Lease No. 2117 01	Well No. 4
Unit Letter 0	Section 2	Township 21-S	Range 37-E	County Lea
Pool Wantz Abo			Kind of Lease (State, Fed, Fee) State	

If well produces oil or condensate give location of tanks		Unit Letter 0	Section 2	Township 21-S	Range 37-E
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>			Address (give address to which approved copy of this form is to be sent) Box 1598, Hobbs, New Mexico		

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/>		Date Connected	Address (give address to which approved copy of this form is to be sent) Box 655, Lovington, New Mexico		
Shell Pipeline Corporation		Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Warren Petroleum Corporation					

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

Producing into test tank, waiting to tie into Btry.

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

- New Well
 - Change in Transporter (check one)
 - Oil Dry Gas
 - Casing head gas . Condensate..
 - Change in Ownership
 - Other (explain below)
- Recompleted in Wantz Abo**

Remarks

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

Executed this the 18th day of September, 19 61.

OIL CONSERVATION COMMISSION		By	<i>Jim Russell</i>
Approved by	<i>[Signature]</i>	Title	Area Production Manager
Title		Company	Gulf Oil Corporation
Date		Address	Box 2167, Hobbs, New Mexico

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1196)

Name of Company: **Gulf Oil Corporation** Address: **Box 2167, Hobbs, New Mexico**

Lease: **Harry Leonard (NCT-F)** Well No.: **4** Unit Letter: **0** Section: **2** Township: **21-S** Range: **37-E**

Date Work Performed: **Aug 10-Sept 14, 1961** Pool: **Wants Abo** County: **Lee**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Plugging
- Casing Test and Cement Job
- Remedial Work
- Other (Explain): **Plug back and recomplete in Wants Abo**

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

PBD Wants Abo. Ran CI BP & set at 7585'. Dumped 2 sacks cement on top of BP. PBD 7585'. Tested 5-1/2" casing & BP w/1000#. No drop. Perf 5-1/2" csg w/2 crack jet per ft & 2 rbg jets per ft 6916-18', 6988-90', 7072-74', 7098-7100', 7114-16', 7136-38', 7150-52', 7208-10' & 7236-38'. Ran FB packer & tested tbg w/6000#. Spotted acid down 2-3/8" tbg over 5-1/2" csg perfs 7236-38'. Raised pkr & set at 7226'. Pumped 2 bbls acid into formation. Comm 7236-38' & 7208-10'. Raised pkr & set at 7178'. Pumped 13 bbls acid into formation. IR .6 bpm at 6000#. CP 1050 applied, increased to 5000#. Rgv out acid & displaced 200 BO with 200 BSW. Spotted acid down 2-3/8" tbg over casing perfs 7236-38', 7208-10', 7150-52', 7136-38', 7114-16', 7098-7100' & 7072-74'. Raised packer & set at 7048'. Pumped 3 bbls acid into formation, comm thru perfs 6988-90'. Raised packer & set at 6880'. Pumped 7000 gals 15% iron stabilised acid into formation, IR 3.5 bpm at 5300 - 6300#. Min 4800#. Flushed w/27 BSW

Witnessed by: **O. R. Kemp** Position: **Production Foreman** Company: **Gulf Oil Corporation**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. **3487** TD **7778** PBD **7595-7740'** Producing Interval **7595-7740'** Completion Date **5-11-52**

Tubing Diameter _____ Tubing Depth _____ Oil String Diameter **5-1/2"** Oil String Depth **7778'**

Perforated Interval(s) **7595' - 7740'** Producing Formation(s) **Here**

Open Hole Interval _____

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	Standing - Temporarily Abandoned					
After Workover	9-14-61	24	265.0	Trace	11,042	

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

OIL CONSERVATION COMMISSION

Approved by: _____ Name: **J. Russell**

Title: _____ Position: **Area Production Manager**

Date: _____ Company: **Gulf Oil Corporation**

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

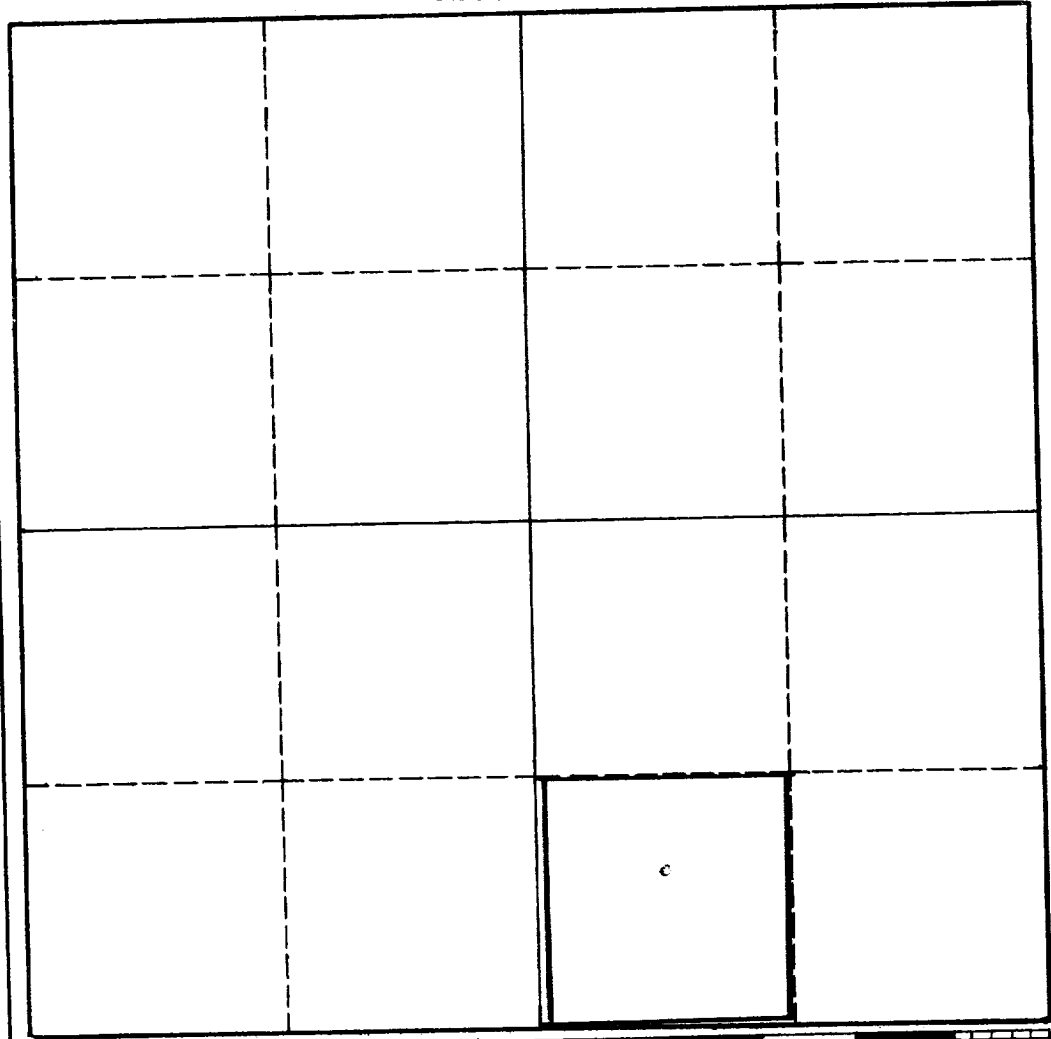
SECTION A

Operator Gulf Oil Corporation		Lease Harry Leonard (NCT-P)		Well No. 4
Unit Letter 0	Section 2	Township 21-S	Range 37-E	County Lea
Actual Footage Location of Well: 860' feet from the South line and 1980' feet from the East line				
Ground Level Elev. 3187'	Producing Formation Abo		Pool Wartz Abo	Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



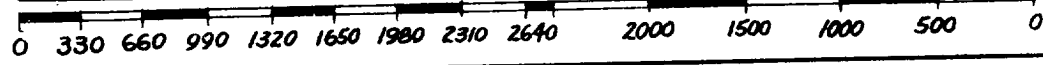
CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name	<i>Dr. Russell</i>
Position	Area Production Manager
Company	Gulf Oil Corporation
Date	September 18, 1961

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	



INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.