

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

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

New Well  
~~RECOMPLETED~~

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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PROGRATION 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.

Hobbs, New Mexico July 30, 1962  
(Place) (Date)

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

Gulf Oil Corporation Harry Leonard H. W. Well No. 4, in SW 1/4 SE 1/4,  
(Company or Operator) (Lease)

W Unit Letter, Sec. 2, T. 21-S, R. 37-E, NMPM., Drinkard Pool

County. Date Spudded. Date Recompleted 7-24-62  
Elevation 3487 Total Depth 7778' PBD 6886

Please indicate location:

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

Top Oil ~~Lease~~ Pay 6698 Name of Prod. Form. Drinkard

PRODUCING INTERVAL -

Perforations 6770-82, 6755-57', 6735-37', 6719-21', 6707-09' & 6700-6698'

Open Hole --- Depth --- Casing Shoe 7777' Depth --- Tubing 6836'

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 116 bbls, oil, 33 bbls water in 24 hrs, --- min. Size 2" #0 Choke

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): 500 gals 15% HCl, 8000 gals retarded acid.

Casing 0 Tubing 7400 Date first new Press. 0 Press. 3500 oil run to tanks 7-23-62

Oil Transporter Shell Pipeline Corp.

Gas Transporter Warren Petroleum Corps

Lot 18, 860 FSL, 1980 FEL

(FOOTAGE)

Tubing, Casing and Cementing Record

Size Feet Sax

12-3/4"	259	300
8-5/8"	2989	1100
5-1/2"	7777	870
2-3/8"	6836	

Remarks: Abandoned Wants Abe and recompleted in Drinkard Oil

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

Approved: \_\_\_\_\_, 19\_\_\_\_

OIL CONSERVATION COMMISSION

By: \_\_\_\_\_

Title \_\_\_\_\_

Gulf Oil Corporation

(Company or Operator)

By: *Shirley Russell*  
(Signature)

Title Area Production Manager

Send Communications regarding well to:

Name Gulf Oil Corporation

Address Box 267, Hobbs, New Mexico

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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company <b>Gulf Oil Corporation</b>				Address <b>Box 2267, Hobbs, New Mexico</b>			
Lease <b>Harry Leonard (NCT-F)</b>	Well No. <b>4</b>	Unit Letter <b>W</b>	Section <b>2</b>	Township <b>21-S</b>	Range <b>37-E</b>		
Date Work Performed <b>7-16 to 30, 1962</b>	Pool <b>Drinkard</b>	County <b>Lea</b>					

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations   
 Casing Test and Cement Job   
 Other (Explain):  
 Plugging   
 Remedial Work   
**Abandoned Wants Abo & Recompleted in Drinkard**

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

Pulled rods and pump. Ran Baker 5-1/2" CI BP on wire line and set at 6900'. Dumped 2 sacks cement on top of BP. PBT D 6886'. Loaded 5-1/2" casing with 200 BO. Pressured 5-1/2" casing with 1000#, 30 min. OK. Perforated 5-1/2" casing 6698-6700, 6707-09', 6718-21', 6755-57', 6755-57', 6770-6772' with 4, 1/2" JHPF. Ran 3-1/2" tubing with Baker packer to 6773'. Pumped 500 gals 15% NEA to spot. Set packer at 66488. Ppd acid into formation 4800-5500# at 8 bpm. Ppd 61 bbls flush oil at 6000# at 10 bpm. Pressured tubing and casing annulus to 2000#. Ppd 8000 gals retarded acid down 3-1/2" tubing, staged with 10 NRE RCNB sealers after each 1000 gals of acid for 6 stages, broke down at 5600#, 1lbpm. TP 3500-7400#. AIR 6 bpm. Pulled 3-1/2" tubing and ran 2-3/8" tubing. Scrubbed well. Flowed 3 hours and died. Ran rods and pump. Placed well on production.

Witnessed by <b>O. R. Kemp</b>	Position <b>Production Foreman</b>	Company <b>Gulf Oil Corporation</b>
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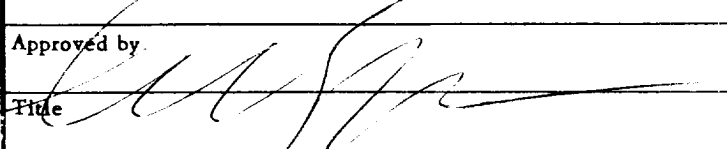
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. <b>3487</b>	T D <b>7778</b>	P B T D <b>7778</b>	Producing Interval <b>7595-7740</b>	Completion Date <b>5-11-52</b>
Tubing Diameter <b>2-3/8"</b>	Tubing Depth <b>7242</b>	Oil String Diameter <b>5-1/2"</b>	Oil String Depth <b>7778</b>	
Perforated Interval(s) <b>7595-7740</b>				
Open Hole Interval <b>--</b>		Producing Formation(s) <b>Here</b>		

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	<b>Standing (Wants Abo)</b>					
After Workover	<b>7-28-62 (Dtk)</b>	<b>116</b>	<b>180</b>	<b>33</b>	<b>1550</b>	<b>--</b>

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name <b>John Russell</b>		
Title <b>Area Production Manager</b>	Position <b>Area Production Manager</b>		
Date	Company <b>Gulf Oil Corporation</b>		