DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

HOBBS OFFICE OCC
DEC 12 PM 3:14

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 (Place) December 11, 1956 (Date)

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

Gulf Oil Corporation (Company or Operator) Harry Leonard "F" (Lease), Well No. 6, in SW 1/4 NE 1/4,

O (Unit Letter), Sec. 2, T. 21-S, R. 37-E, NMPM., Terry-Blinebry Pool

Lea County. Date Spudded ...., Date Completed ....

Please indicate location:

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

Elevation .... Total Depth 8295', P.B. 5293'

Top oil ~~gas~~ pay 5797' Name of Prod. Form. Blinebry

Casing Perforations: 5797-5826' 5866-5902' or

Depth to Casing shoe of Prod. String ....

Natural Prod. Test .... BOPD

based on .... bbls. Oil in .... Hrs. .... Mins.

Test after acid or shot 205 BOPD

Based on 205 bbls. Oil in .... Hrs. .... Mins.

Gas Well Potential ....

Size choke in inches ....

Date first oil run to tanks or gas to Transmission system: 12-5-56

Transporter taking Oil or Gas: Shell Pipeline Corp.

Casing and Cementing Record

Size	Feet	Sax

Remarks: It is requested that this well be placed in the Proration Schedule effective December 5, 1956.

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

Approved DEC 14 1956, 19.....

Gulf Oil Corporation
(Company or Operator)

OIL CONSERVATION COMMISSION

By: E. J. Fischer

Title Engineer District I

By: [signature]
(Signature)

Title Ass't Area Supt. of Prod.

Send Communications regarding well to:

Name Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease Harry Leonard "F"

Well No. 6 Unit Letter O S 2 T 21-S R 37-E Pool *Terry-Blinebry

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit O S 2 T 21-S R 37-E

Authorized Transporter of Oil or Condensate Shell Pipeline Corp.

Address Box 1598, Hobbs, New Mexico
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Skelly Oil Company - Gasoline Plant

Address Eunice, New Mexico
(Give address to which approved copy of this form is to be sent)

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

part used on lease, part sold

Reasons for Filing: (Please check proper box) New Well ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership ( ) Other (x)

Remarks: (Give explanation below)

*Abandoned Brunson Oil and Recompleted as Terry-Blinebry Pool

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

Executed this the 7 day of December 1956

By J. M. Russell

Approved DEC 14 1956 19___

Title Ass't Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By E. J. Fischer

Address Box 2167, Hobbs, New Mexico

Title Engineer District 1

Form C-103
(Revised 3-55)

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 "E" WELL NO. 6 UNIT O S 2 T 21-S R 37-E

DATE WORK PERFORMED 11-23-56 12-5-56 POOL Brunson

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [ ] Results of Test of Casing Shut-off
- [x] Remedial Work
- [x] Other Recompleted as Terry-Blinebry

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

Abandoned Brunson Oil and recompleted as Terry-Blinebry Pool as follows:

1. Pulled 2-7/8" tubing. Ran 2-7/8" tubing with cement retainer at 8100'. Squeeze cemented perforations in 5-1/2" casing from 8152-8192' with 68 sacks cement. Pulled tubing.
2. Ran bridge plug on wire line set at 5935'. Dumped 1½ sacks cement on plug. Perforated 5-1/2" casing from 5797-5826' and 5866-5902' with 4, 1/2" jet holes per foot.
3. Ran 2-7/8" tubing with bridge plug at 5909' and parent packer at 5846'. Spotted 250 gallons mud acid on perforations in 5-1/2" casing from 5866-5902' and squeezed in formation. Treated formation thru perforations in 5-1/2" casing from 5866-5902' with 5000 gallons refined oil with 1# sand per gallon.
4. Reset bridge plug at 5835' and parent packer at 5765'. Spotted 250 gallons mud acid on perforations in 5-1/2" casing from 5797-5826' and squeezed in formation. Treated formation thru perforations in 5-1/2" casing from 5797-5826' with 5000 gallons refined oil with 1# sand per gallon.
5. Pull 2-7/8" tubing, bridge plug and parent packer. Ran 198 joints 2-7/8" tubing at 5879'

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3486' TD 8285' PBD 8238' Prod. Int. 8180-8238' Compl Date 3-17-53

Tbng. Dia 2-7/8" Tbng Depth 8223' Oil String Dia 5-1/2" Oil String Depth 8258'

Perf Interval (s) 8180-8250'

Open Hole Interval _____ Producing Formation (s) Lime

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	2-13-56	12-5-56
Oil Production, bbls. per day	3	205
Gas Production, Mcf per day	14.8	643.9
Water Production, bbls. per day	80	3
Gas-Oil Ratio, cu. ft. per bbl.	4933	2163
Gas Well Potential, Mcf per day		
Witnessed by	F. C. Crawford	Gulf Oil Corporation (Company)

OIL CONSERVATION COMMISSION

Name E. J. Fischer
Title Engineer District I
Date

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

Name J. R. Russell
Position Ass't Area Supt. of Prod.
Company Gulf Oil Corporation

DUPLICATE

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

HOBBS OFFICE OCC
1956 NOV 23 PM 3:38

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

LEASE Harry Leonard "F" WELL NO. 6 UNIT O S 2 T 21-S R 37-E

DATE WORK PERFORMED 8-5-56 11-20-56 POOL Brunson

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [ ] Results of Test of Casing Shut-off
- [x] Remedial Work
- [x] Other Plugged back and acid treated

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

Plugged back and acid treated as follows:

1. Pulled rods, pump and tubing.
2. Ran 2-7/8" tubing with Hookwall packer at 8100'. Treated formation from 8150-8238' with 10,000 gallons 15% NE acid. Injection rate 592 gallons per minute. Followed by 400 gallons Jel X-830, followed by 5000 gallons 15% NE acid. Injection rate 630 gallons per minute. Swabbed.
3. Pulled tubing and packer. Ran 269 joints 2-7/8" tubing set at 8198'. Ran rods and pump.
4. Pulled rods, pump and tubing. Plugged back from 8238-8192' with 48 gallons Hydromite. Ran 266 joints 2-7/8" tubing set at 8168'. Ran rods and pump.

Well closed in for further study of remedial work.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3487' TD 8285' PBD 8238' Prod. Int. 8180-8238' Compl Date 3-17-53

Tbng. Dia 2-7/8" Tbng Depth 8223' Oil String Dia 5-1/2" Oil String Depth 8258'

Perf Interval (s) 8180-8250'

Open Hole Interval _____ Producing Formation (s) Lime

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	None	None
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

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

OIL CONSERVATION COMMISSION

Name E. J. Fischer
Title Engineer District II
Date NOV 26 1956

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

Name G. T. Taylor
Position Area Supt. of Prod.
Company Gulf Oil Corporation