

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANITARY	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
 Supersedes Old  
 C-102 and C-103  
 Effective 1-1-65

5a. Indicate Type of Lease  
 State  Fee   
 5. State Oil & Gas Lease No.  
**B-1732**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER-  
 2. Name of Operator  
**Gulf Oil Corporation**  
 3. Address of Operator  
**Box 670, Hobbs, New Mexico 88240**  
 4. Location of Well  
 UNIT LETTER **G** **1980** FEET FROM THE **North** LINE AND **1980** FEET FROM  
 THE **East** LINE, SECTION **16** TOWNSHIP **21-S** RANGE **37-E** NMPM.  
 7. Unit Agreement Name  
 8. Farm or Lease Name  
**Harry Leonard (NCT-E)**  
 9. Well No.  
**1**  
 10. Field and Pool, or Well Unit  
**Blinebry & Drinkard**  
 15. Elevation (Show whether DF, RT, GR, etc.)  
**3494' GL**  
 12. County  
**Lea**

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> <b>Dualled Drinkard with existing</b>
			<b>Blinebry, MC-2159</b>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6599' PB, 6670' TD.  
 Pulled producing equipment. Cleaned out to 6622'. Set cement retainer at 6600' and squeezed around 7" casing shoe at 6610' with 50 sacks of Class C cement. Reversed out 15 sacks. Calculated PB at 6599'. Perforated 7" casing in Drinkard zone with 4, 1/2" JHPF at 6438-40', 6464-66', 6495-97', 6538-40', 6571-73' and 6592-94'. Ran treating equipment and treated new perforations with 2500 gallons of 15% NE acid and frac treated with 10,000 gallons of gel water and 25,000 gallons of gel water containing 1 to 2# SPG. Maximum pressure 4300#, minimum 3900#, ISIP 2100#, after 15 minutes 1500#. AIR 14.2 BPM. Treated Blinebry perforations 5822' to 5960' with 3000 gallons of 15% NE HCL acid. Pulled treating equipment. Ran Baker Model D packer on wire line and set at 6375'. Ran long string of 2-3/8" tubing and set in packer at 6375' with bottom of tail pipe at 6538'. Set with 17,000# tension. Ran short string of 2-3/8" tubing and set at 5989'. Swabbed and cleaned up and returned both zones to production.

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

SIGNED *ABorland* TITLE Area Production Manager DATE January 10, 1975

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

RECEIVED

JAN 1 1975

GIL CONSERVATION COMM.  
HOBBS, N. M.

OIL CONSERVATION COMMISSION  
DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 11/21/74

RE: Proposed MC X  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 11/19/74  
for the Gulf Oil Corp. Harry Leonard NCT-E #1-2  
Operator Lease and Well No. Unit, S-T-R 16-21-37

and my recommendations are as follows:

OK  
OK  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

\_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form O-107  
5-1-61

Operator <b>Gulf Oil Corporation</b>		County <b>Lea</b>	Date <b>November 19, 1974</b>
Address <b>Box 670, Hobbs, New Mexico 88240</b>		Lease <b>Harry Leonard (NCT-E)</b>	Well No. <b>1</b>
Location of Well <b>G</b>	Unit <b>16</b>	Township <b>21-S</b>	Range <b>37-E</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES  NO
2. If answer is yes, identify one such instance: Order No. **MC-1123**; Operator Lease, and Well No.: **Gulf Oil Corporation Harry Leonard (NCT-E) Well No. 2**


3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Blinebry</b>		<b>Drinkard</b>
b. Top and Bottom of Pay Section (Perforations)	<b>5822 - 5960'</b>		<b>6418 - 6575'</b>
c. Type of production (Oil or Gas)	<b>Oil</b>		<b>Oil</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flow</b>		<b>Flow</b>

4. The following are attached. (Please check YES or NO)
- | Yes                                 | No                                  |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent to the multiple completion. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A)   |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
- Continental Oil Co., Box 431, Midland, Texas 79701**
- Exxon Co., U. S. A., Box 1600, Midland, Texas 79701**
- Marathon Oil Co., Box 552, Midland, Texas 79701**
- Cities Service Oil Co., Box 1919, Midland, Texas 79701**
- Shell Oil Co., Box 1509, Midland, Texas 79701**
- Amerada-Hess Corp., 2207 Industrial, Midland, Texas 79701**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES  NO . If answer is yes, give date of such notification **November 19, 1974**.

CERTIFICATE: I, the undersigned, state that I am the **Area Engineer** of the **Gulf Oil Corporation** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

  
B. J. PANKRATZ, Area Engineer

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

RECEIVED

NO 10 1977

GIL CONSERVATION COMM.  
HOBBS, N. M.



GULF OIL COPORATION  
 Harry Leonard (NCT-E) Lease  
 Section 16, 21-S, 37-E, Lea Co.