

Gulf Oil Company - U.S.

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

July 9, 1971

P. O. Box 670
Hobbs, New Mexico 88240

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, N.M. 87501

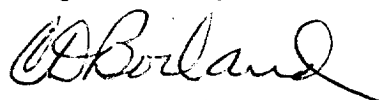
Re: Application of Gulf Oil Corporation for Approval of Multiple Completion in Arrowhead and Blinebry Oil Pools, Lea Co., N.M.

Gentlemen:

Gulf Oil Corporation herewith submits application for approval of a multiple completion for the Harry Leonard (NCT-C) Well No. 12, located 660 feet from the north line and 410 feet from the east line of Section 36, Township 21 South, Range 36 East, Lea County, New Mexico. It is proposed to complete this well in the Arrowhead Oil and Blinebry Oil Pools and to produce each zone through parallel strings of 2-3/8 inch tubing installed in 7 inch casing.

Attached is completed form Application for Multiple Completion, lease plat, diagrammatic sketch and log.

Respectfully submitted,



C. D. BORLAND
Area Production Manager

GS:ec
Attachments

cc: New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, N.M. 88240

Offset Operators
(Listed on Application for Multiple Completion)



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

Form C-107
5-1-61

Operator Gulf Oil Corporation		County Lea		Date July 9, 1971
Address Box 670, Hobbs, N.M.		Lease H. Leonard (NCT-C)		Well No. 12
Location of Well	Unit A	Section 36	Township 21S	Range 36E

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 X
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Arrowhead	-	Blinebry
b. Top and Bottom of Pay Section (Perforations)	3674-3793'	-	5528-5836'
c. Type of production (Oil or Gas)	Oil	-	Oil
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift	-	Flow

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. |
| <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 checked="" type="checkbox"/> | <input 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.

El Paso Natural Gas Co., 600 Bldg. of Southwest, Midland, Texas 79701

Hanson Oil Corp., Box 1515, Roswell, N.M. 88201

J. Hiram Moore, Gulf Bldg., Midland, Texas 79701

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

CERTIFICATE: I, the undersigned, state that I am the Area Prod. Mgr. 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.


Signature

*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

JUL - 8 1971

**OIL CONSERVATION COMM.
HOBBS, N. M.**

PROPOSED DUAL COMPLETION - HARRY LEONARD (NCT-C) NO. 12

Blinebry Oil with Arrowhead Oil
660' FNL & 410' FEL Section 36-T21S-R36E

7" csg. "H" = 11.5' Gr. Elev. = 3504'

9-5/8" OD 36# K-55 Csg. set @ 1230'
Cmtd. with 500 sacks. Circ.

2-3/8" OD EUE J-55 4.70# 8 RT Tbg.
with cplgs. beveled both ends

SN approx. 3644'

Baker parallel string anchor
approx. 3650'

2-3/8" OD EUE J-55 4.70# 8 RT Tbg.
(tail pipe - same)

3674-76'
3726-28'
3768-70'
3791-93'

Proposed Arrowhead perfs.
Four 1/2" JHPF

Baker receptacle seal assembly & anchor
seal assembly approx. 5447'
Baker Model D Packer approx. 5450'

SN approx. 5700'

PC approx. 5730'

5528-30'
5564-66'
5613-15'
5645-47'
5724-26'
5834-36'

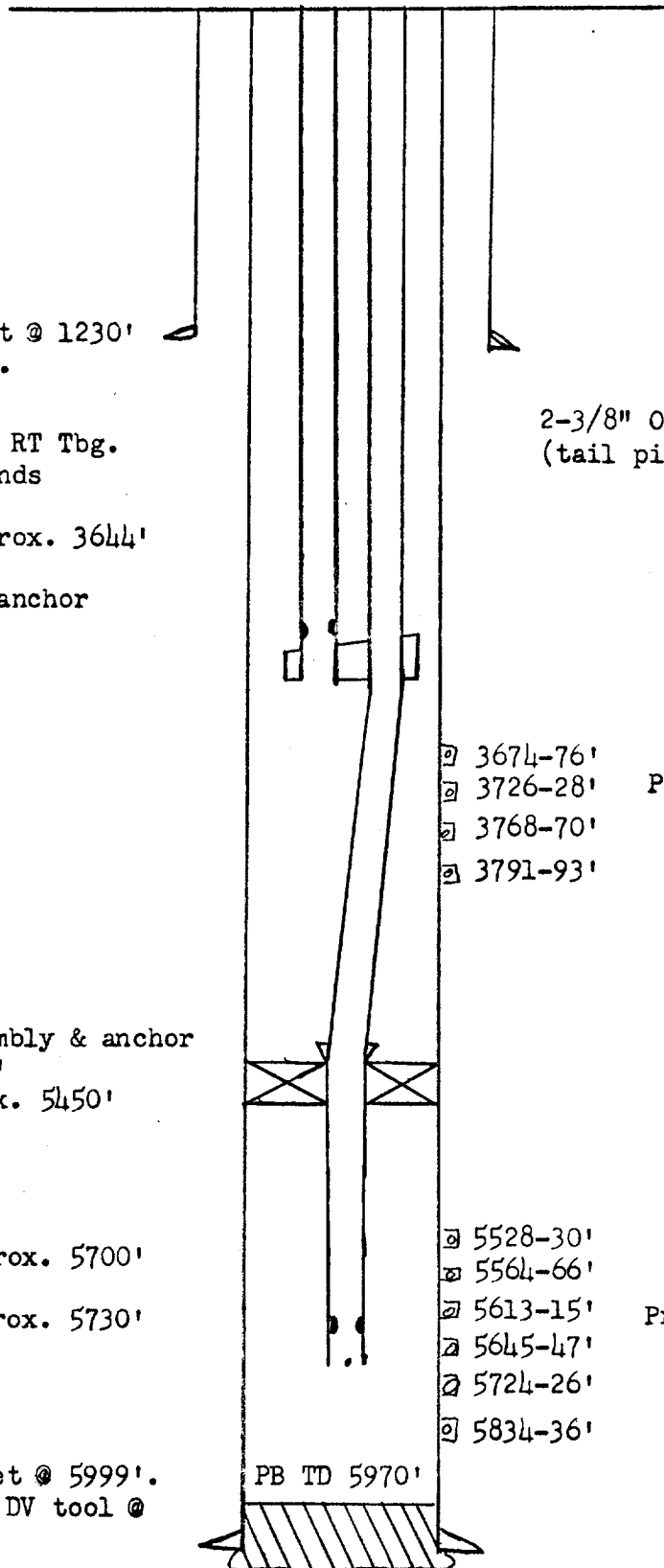
Proposed Blinebry perfs.
Four 1/2" JHPF

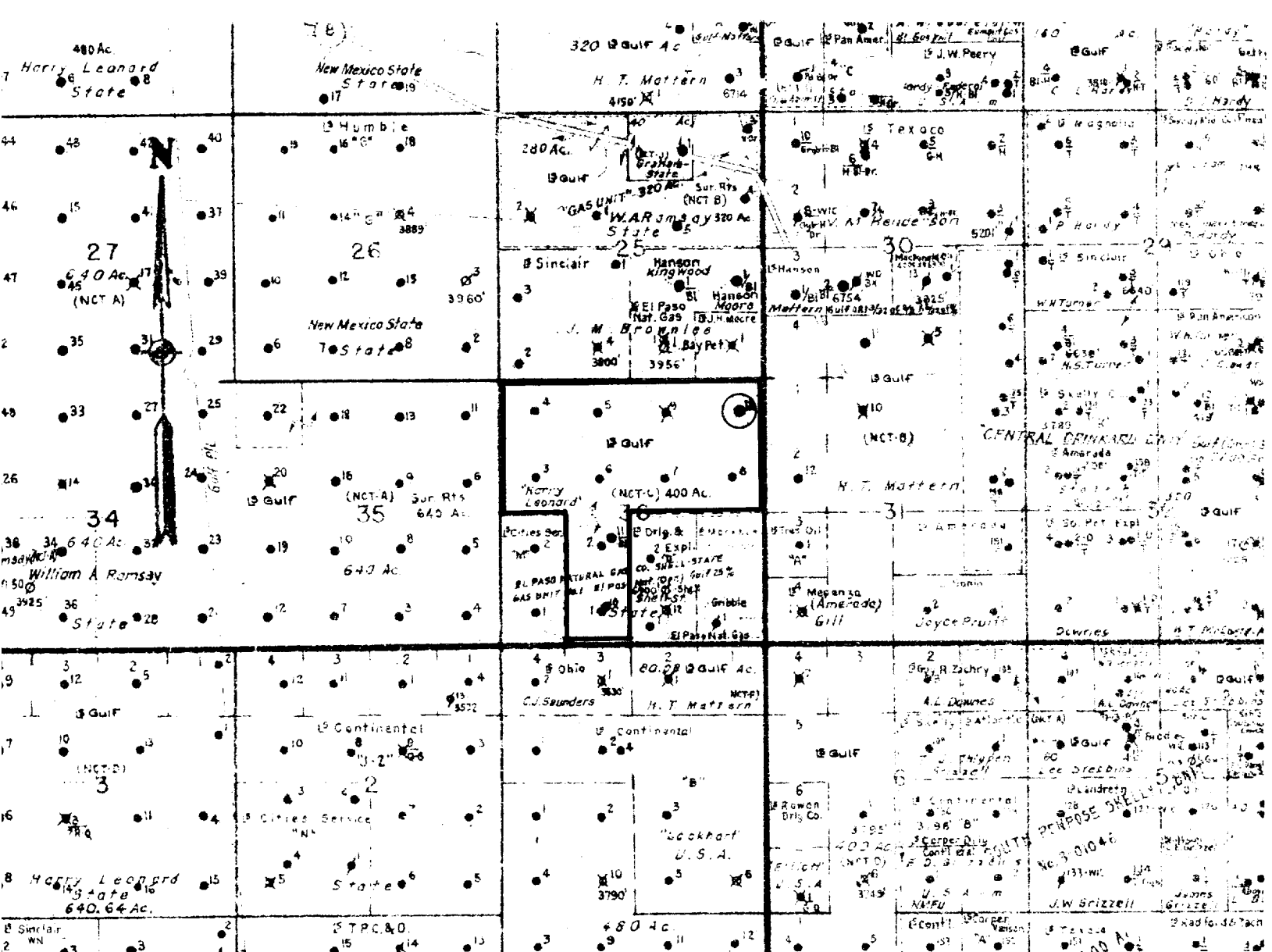
7" OD 20# & 23# K-55 Csg. set @ 5999'.
Cmtd. 2 stages w/665 sacks. DV tool @
3917'. TS cmt. @ 2410'.

PB TD 5970'

9 cent. from 5910-5280' &
6 cent. from 3885-3525'

TD 6000'





WELL NO. 12

HARRY LEONARD (NCT-C) LEASE

660 FNL & 410 FEL SEC. 36, T-21-S, R-36-E

LEA COUNTY, NEW MEXICO

DUAL COMP. IN BLINEBRY OIL & ARROWHEAD OIL POOLS

LEGEND



PERTINENT LEASE



PERTINENT WELL