

UNITED OIL CORPORATION
P. O. BOX 2088
Hobbs, New Mexico 87401

December 24, 1971

Re: Harry Leonard (NCT-C) Lease
N/2, E/2 SW/4 Section 36-21S-36E,
Lea County, New Mexico

71 - 366

Mr. A. L. Porter, Jr.
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Deterioration of production facilities prompt our request to commingle Arrowhead and Arrowhead Drinkard production on the subject lease.

Attached is a plat of the area involved, a copy of a letter from Shell Oil Company agreeing to purchase the commingled crude, an economic analysis and a schematic diagram of the proposed facility. All wells are marginal producers and the facility is in accordance with rules and regulations. We have applied for approval of this proposal to the State Land Commissioner and have requested that he notify you of his decision.

Your approval of this proposal will be appreciated.

Yours very truly,


C. D. BORLAND
Area Production Manager

RC3:ptg
Att'd.

cc: OCC - Hobbs, N.M.
M. I. Taylor
D. L. Williams

GULF OIL COMPANY - P. L.
 Harry Leonard (NGL-C) Inc

Current Well Tests and 60 Day Production Information

<u>Well No.</u>	<u>Well Test, E/D</u>	<u>Production, BOPD</u>	
		<u>Sept.</u>	<u>Oct.</u>
<u>Arrowhead: Top Allowable = 58)</u>			
1	32	26	26
2	30	25	24
3	11	11	6
4	39	32	33
5	15	16	15
6	15	15	14
7	C.I.	3	-
8	3	8	8
9	C.I.	-	-
<u>Arrowhead Drinkard: Top Allowable = 103</u>			
10	23	17	18

Economic Analysis

<u>Pool</u>	<u>BPD</u>	<u>Gravity</u>	<u>\$/Bbl.</u>	<u>\$/Day</u>
Arrowhead	131	33.8	\$2.86	\$374.66
Arrowhead Drinkard	18	35.2	\$2.90	\$ 52.20
	149			\$426.86
Commingled	149	34.0	\$2.88	\$429.12
		Difference		+\$ 2.26
		Difference to State		+\$ 0.28

RCS:ptg
 Hobbs, N.M.
 12-24-68



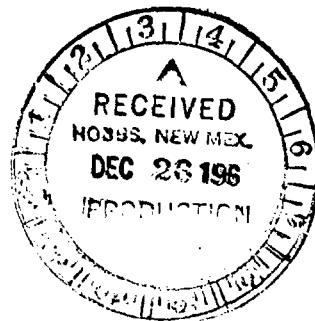
SHELL OIL COMPANY

PETROLEUM BUILDING

P.O. BOX 1509

MIDLAND, TEXAS 79701

December 24, 1968



Subject: Gulf Oil Corporation
Leonard NCT-C Lease
Arrowhead (Grayburg) (Drinkard)
Section 36, T-21-S, R-36-E
Lea County, New Mexico

Gulf Oil Corporation
Post Office Box 670
Hobbs, New Mexico 88240

Attention Mr. C. D. Borland

Gentlemen:

In accordance with our recent conversation wherein you requested our permission to commingle the above zones on your Leonard lease, we have no objections to this commingling as long as the gravities and quantities remain unchanged. If there are any changes in the gravities or quantities of the above zones, we will again like to review this procedure.

Yours very truly,

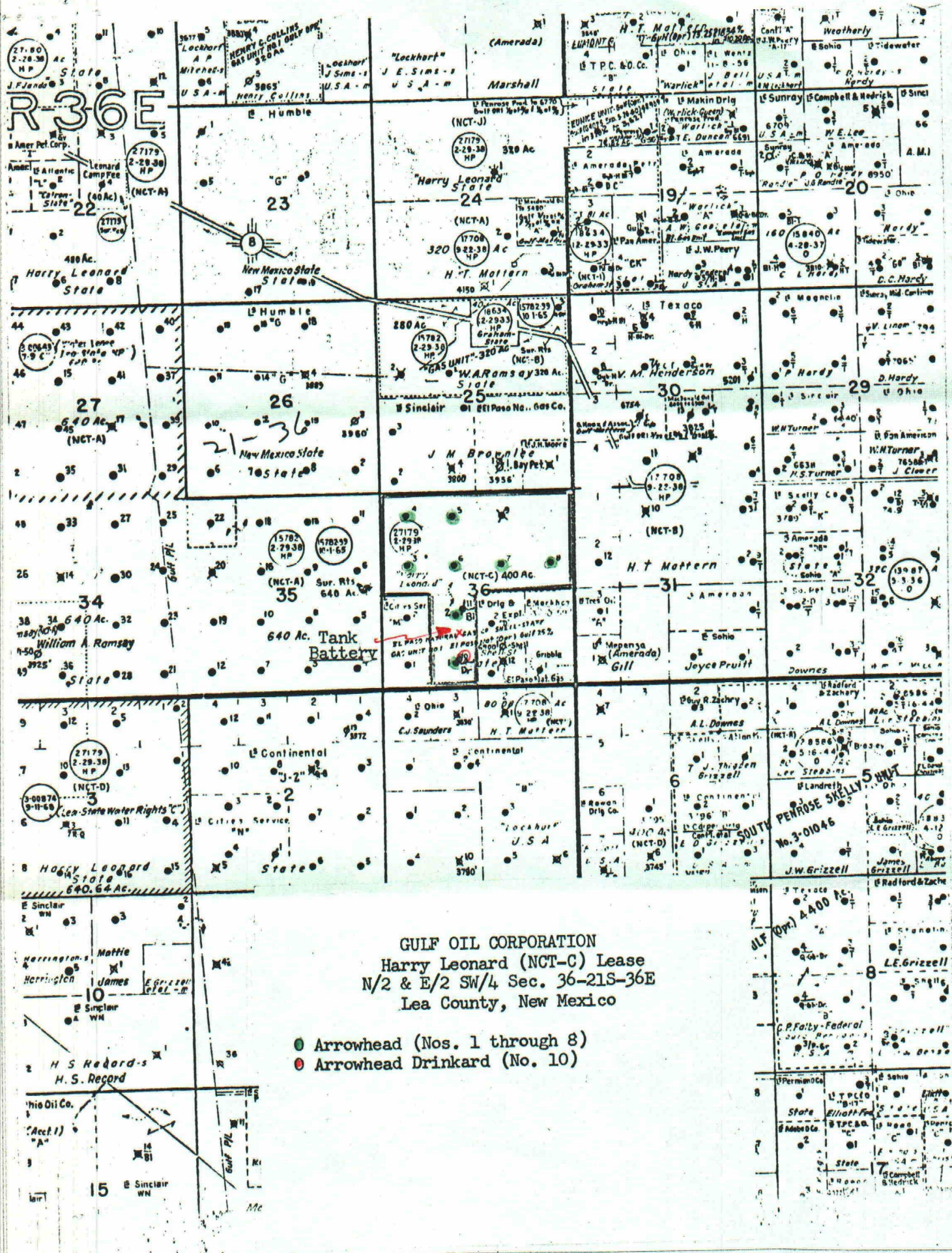
Tom Miller

For: J. C. Hart
Raw Materials Supply
Midland Division Services

TEN:KRL

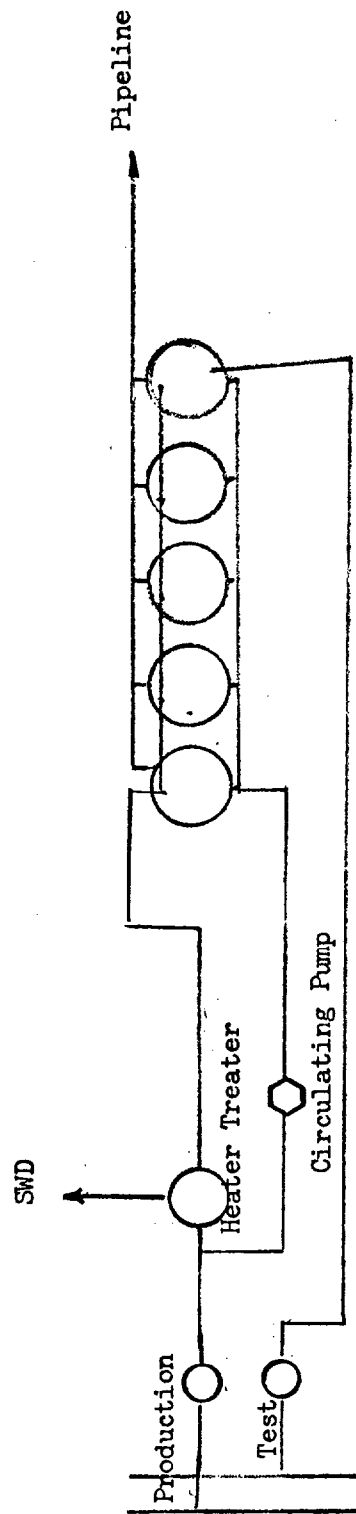
cc - Gulf Oil Corporation
Post Office Box 1150
Midland, Texas 79701
Attention Mr. D. L. Williams

Shell Pipe Line Corporation - Tender Section (HGL)



GULF OIL CORPORATION
Harry Leonard (NCT-C) Lease
N/2 & E/2 SW/4 Sec. 36-21S-36E
Lea County, New Mexico

- Arrowhead (Nos. 1 through 8)
- Arrowhead Drinkard (No. 10)



SCHEMATIC DIAGRAM TANK BATTERY
 GULF OIL CO. - U. S.
 Harry Leonard (NCT-C) Lease
 Unit K, Section 36-21S-36E
 Lea County, N. M.

RCS:ptg
 Hobbs, NM
 12-24-68

AM 9 04
DEC 2 1960
OIL CONSERVATION
P. O. BOX 610
HOUSTON, TEXAS 77001

Re: Drilling Application -
Harry Leonard (NCL-C) Lease
State No. B-1732, N/2 and E/2
SW/4 Section 36-21S-36E, 10a
County, New Mexico

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87501

Dear Sir:

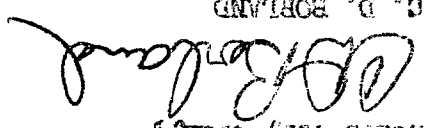
Your approval is requested to commence production from the Arrowhead and Arrowhead Drinker Pools on the subject lease. Attached you will find the following:

1. A plat showing location of lease, wells and tanks.
2. An economic analysis of the proposed operation.
3. A schematic diagram of the system.
4. Our check in the amount of \$10.00 to cover the application fee.

This property is a State lease and the royalty is common, assigned to the Beneficial Institution or Common Schools. The effect to State income is negligible. All wells are marginal and the proposed facilities are in accordance with Oil Conservation Commission rules and regulations.

Please furnish this office with a letter of approval with a copy to the Oil Conservation Commission, P. O. Box 2088, Santa Fe, New Mexico, attention Mr. A. L. Porter, Jr.

Yours very truly,



C. D. BOHLMAN

Area Production Manager

HCS:ply
Atty'd.

cc: Oil Conservation Commission, Santa Fe, N.M.
Oil Conservation Commission, Hobbs, N.M.
M. I. Taylor
D. L. Williams

69 JAN 14 PM 1 01

January 7, 1969

Gulf Oil Corporation
P. O. Box 670
Hobbs, New Mexico 88240

Re: Commingling Request
Harry Leonard (NCT-C) Lease
State No. B-1732, N₂ and E₂
SW $\frac{1}{4}$ Section 36-21S-36E
Lea County, New Mexico

Gentlemen:

Your above request is hereby approved by the State Land Commissioner. This approval however is given with the understanding that:

1. Since these are marginal wells we get a periodic report on each one.
2. The Commissioner can withdraw his approval at any time the operation does not seem feasible to the State of New Mexico.
3. This is also subject to approval by the Oil Conservation Commission.

Thank you for the \$10.00 filing fee.

Yours very truly,

Alex J. Armijo
Commissioner of Public Lands

Ted B. Berry, Director
Oil and Gas Department

AJA:TB:cv

cc: Oil Conservation Commission

Oil and Gas Accounting Commission

1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

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100-448541-2

14th Jan 1981 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

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1. The first step in the process of identifying a problem is to determine the nature of the problem. This involves a thorough understanding of the situation and the factors that are contributing to the problem. Once the nature of the problem is understood, the next step is to identify the causes of the problem. This involves a detailed analysis of the situation and the factors that are contributing to the problem. Once the causes of the problem are identified, the next step is to develop a plan to address the problem. This involves identifying the goals of the plan and the steps that need to be taken to achieve those goals. Once a plan is developed, the next step is to implement the plan. This involves putting the plan into action and monitoring the progress of the plan. Finally, the last step in the process is to evaluate the results of the plan. This involves assessing the effectiveness of the plan and making any necessary adjustments.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

Journal of Interpersonal Violence 26(10)