

# AZTEC OIL & GAS COMPANY

P. O. BOX 847  
HOBBS, NEW MEXICO

January 9, 1964

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Re: Commingling of Oil Production  
from Gutman No. 1 (Drinkard  
Oil Pool) and Gutman No. 2  
(Wantz Abo Oil Pool)

Gentlemen:

Aztec Oil & Gas Company respectfully requests an exception to Rule 303 (a) and administrative approval to commingle production from Aztec's Gutman No. 1 (Drinkard Oil Pool) and Gutman No. 2 (Wantz Abo Oil Pool) by metering the Wantz Abo production, which is expected to be top allowable, and calculating the Drinkard production, which is less than top allowable, by the subtraction method. The following facts are pertinent to this request:

1. Aztec Oil & Gas Company is the owner and operator of Gutman Well No. 1, producing from the Drinkard Oil Pool, located in Unit L, 2310' from the south line and 345' from the west line of Section 11, Township 21 South, Range 37 East, Lea County, New Mexico.
2. Aztec Oil & Gas Company is the owner and operator of Gutman Well No. 2, dually completed in the Wantz Abo Oil Pool and the Blinbry Oil Pool, located Unit L, 1980' from the south line and 990' from the west line of Section 11, Township 21 South, Range 37 East, Lea County, New Mexico.
3. The known gravities, volumes, and values of each common source of supply are herein tabulated:

<u>Zone</u>	<u>API Gravity</u>	<u>Value/Bbl</u>	<u>Daily Volume</u>	<u>Daily Value</u>
Drinkard	37.8	\$2.86	22	\$ 63.32
Wantz Abo	41.5	\$2.95	91	\$268.45
			113	\$331.77

4. The expected gravity of the commingled liquid hydrocarbon

1

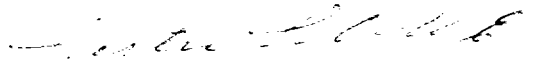
Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

production is 40.8°. The daily value of 113 barrels with a gravity of 40.8° would be \$333.35 at \$2.95 per barrel, which is greater than the sum of the values of the production from each common source of supply.

5. A schematic diagram of the proposed installation is attached.
6. A plat showing the location of all wells on the Gutman Lease and the pool from which each well is producing is attached.

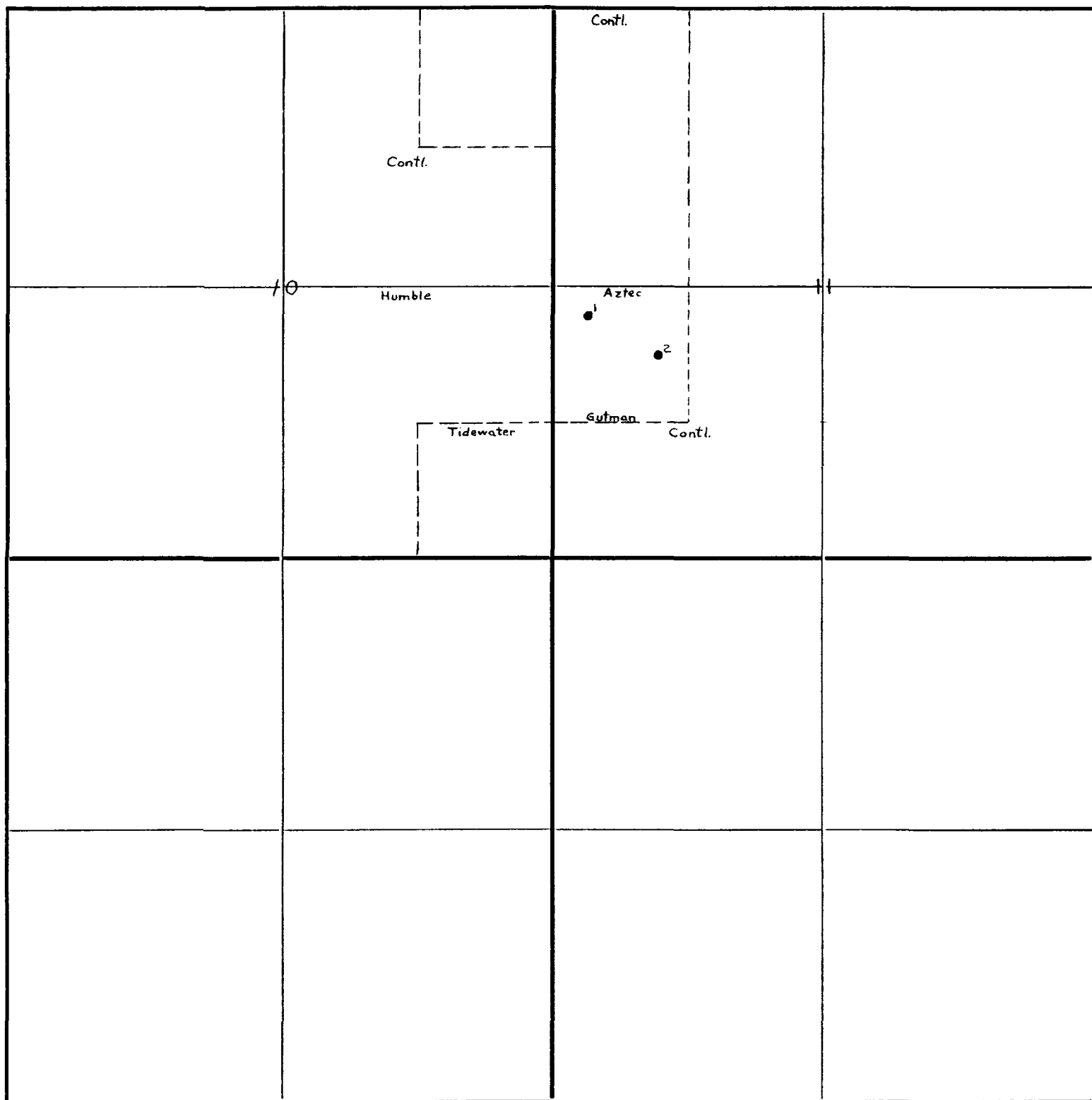
Your approval of this application will be appreciated.

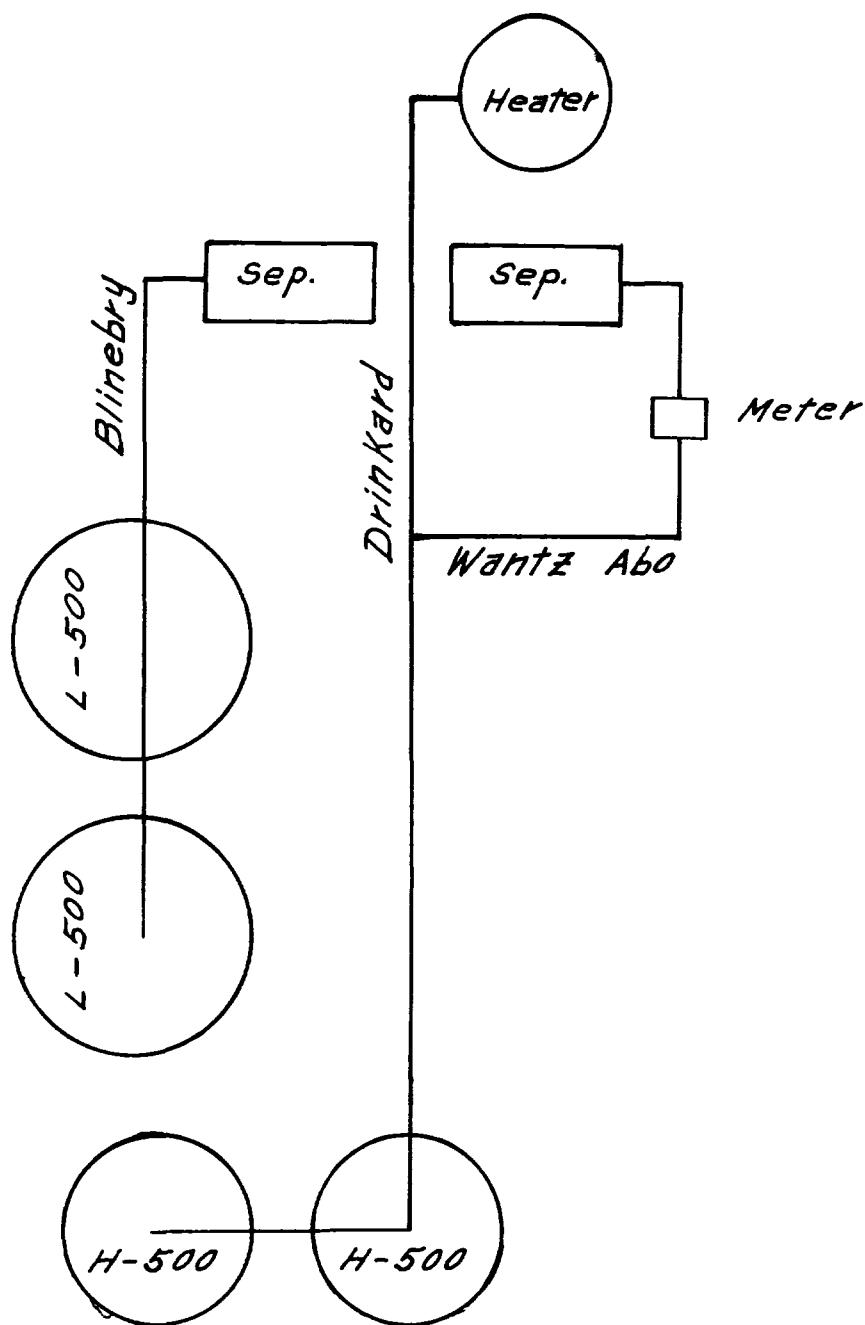
Very truly yours,



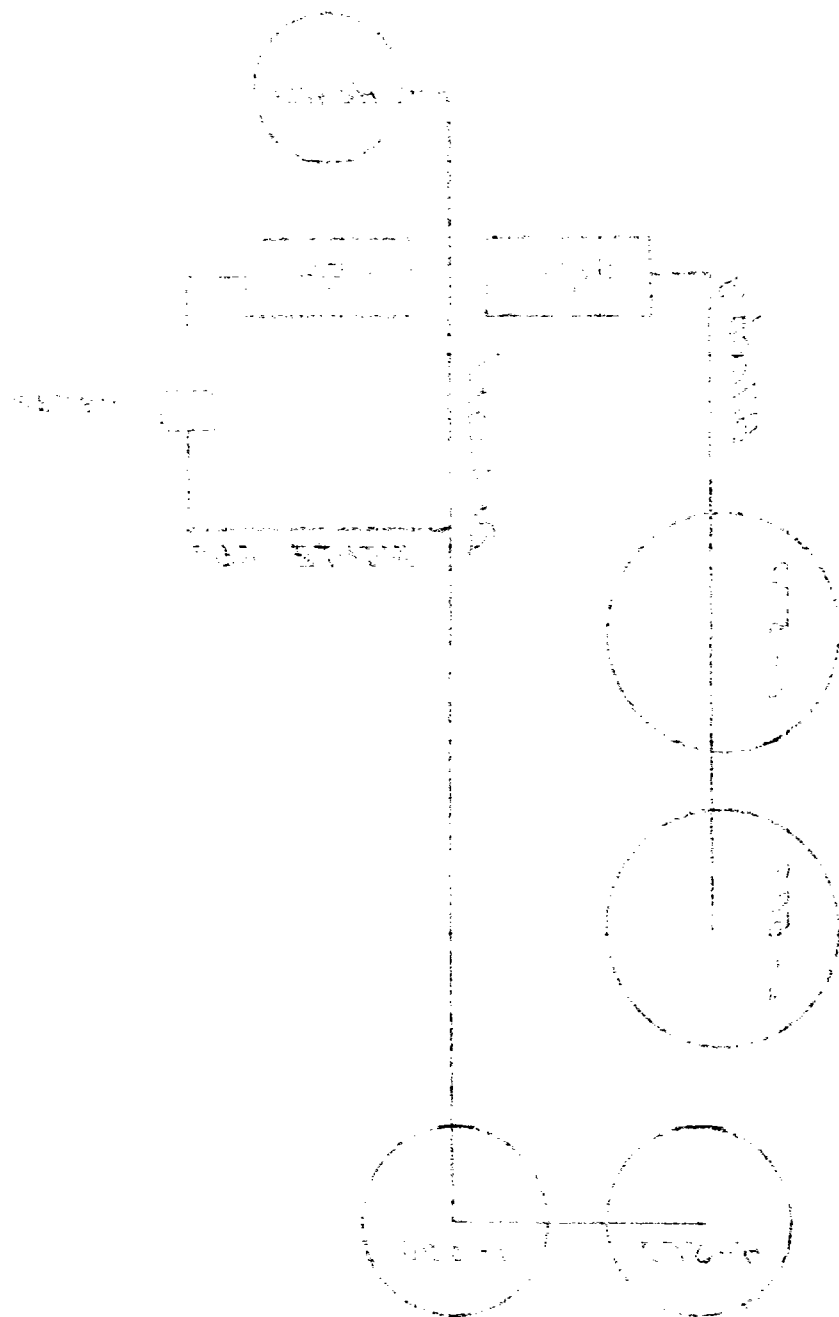
Lester L. Duke  
District Superintendent

LLD/JE/jw  
attachments  
cc: N.M.O.C.C. - Hobbs

Section 11 Township 21 S Range 37 E County Lea State N. M.●<sup>1</sup> Drinkard⊙<sup>2</sup> Dual- Blinebry- Abo



AZTEC OIL AND GAS COMPANY  
Gutman Lease  
Unit L, Sec. 11, T-21-S, R-37-E  
Lea County, New Mexico  
Proposed Commingling Facilities



WATER TOWER AND WATER TREATMENT PLANT

WATER TREATMENT PLANT

WATER TREATMENT PLANT

WATER TREATMENT PLANT

WATER TREATMENT PLANT