



# CONTINENTAL OIL COMPANY

P. O. Box 460

HOBBS, NEW MEXICO 88240

PRODUCTION DEPARTMENT

HOBBS DIVISION

L. P. THOMPSON

Division Manager

G. C. JAMIESON

Assistant Division Manager

September 4, 1968

1001 NORTH TURNER  
TELEPHONE 393-4141

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr., Secretary-Director

Re: Application for Amendment  
of Administrative Order  
No. PC-169

Gentlemen:

Order No. PC-169 dated November 13, 1963, permitted commingling of the Blinebry and Drinkard oil produced on the Lockhart A-35 Lease in Section 35, T-21S, R-37E. This order was subsequently amended May 19, 1964, to permit commingling of gas well liquids and again on June 24, 1964, limiting the gas well liquids to those produced from the Blinebry Gas Pool inasmuch as the Blinebry gas well liquids are of common ownership with the oil produced on the lease.

Continental Oil Company recently re-completed well No. 2 by squeezing the Blinebry zone and deepening the well to the Wantz Abo Pool.

Exhibit No. 1 is a plat showing the location of the lease and the wells and, by color code, the pools in which each well is completed. Exhibit No. 2 is a schematic diagram of our proposed revision of the commingling installation showing the Abo production being routed through the same manifold with the Blinebry oil production.

Exhibit No. 3 is a list of the most recent tests on each of the wells on the lease.

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As shown on Exhibit No. 3, there are no top allowable wells in the Blinebry Oil Pool or the Wantz Abo Pool. Consequently, production from these two pools is not proposed to be metered. The Lockhart A-35 No. 3 (Drinkard) is penalized for excessive gas-oil ratio and consequently, the Drinkard stream is proposed to be metered and sampled prior to commingling. Production from the Blinebry and Wantz Abo Pools will be determined by the subtraction method and allocation to wells will be made on the basis of well tests.

A letter from the USGS approving the revised commingling facility is also forwarded herewith.

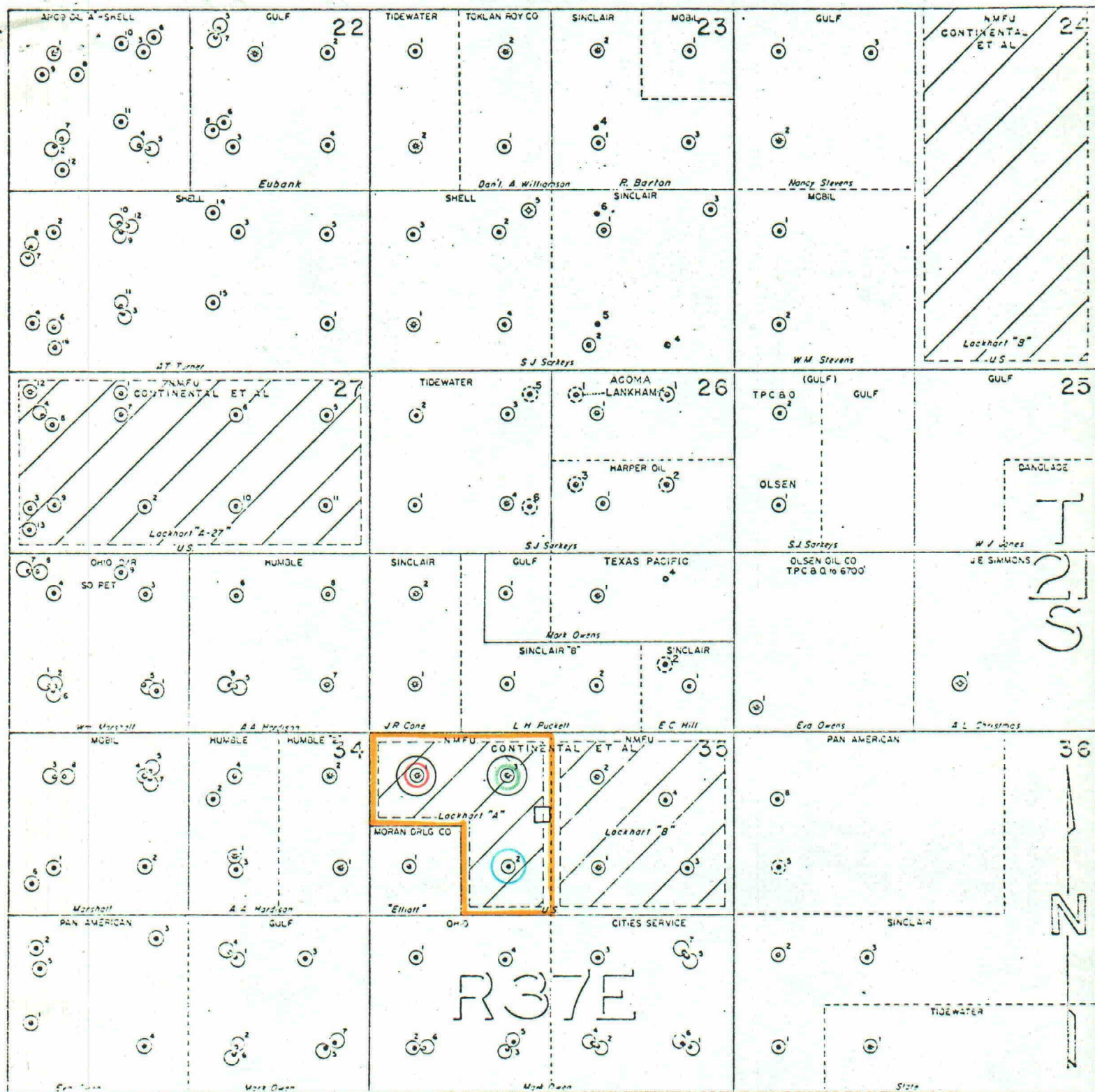
It is respectfully requested that administrative Order PC-169 be amended as proposed herein.

Yours very truly,





A handwritten signature in cursive script, appearing to read "J. Thompson".

VTL-JS  
Attach

Copy to NMOCC-Hobbs



### LEGEND

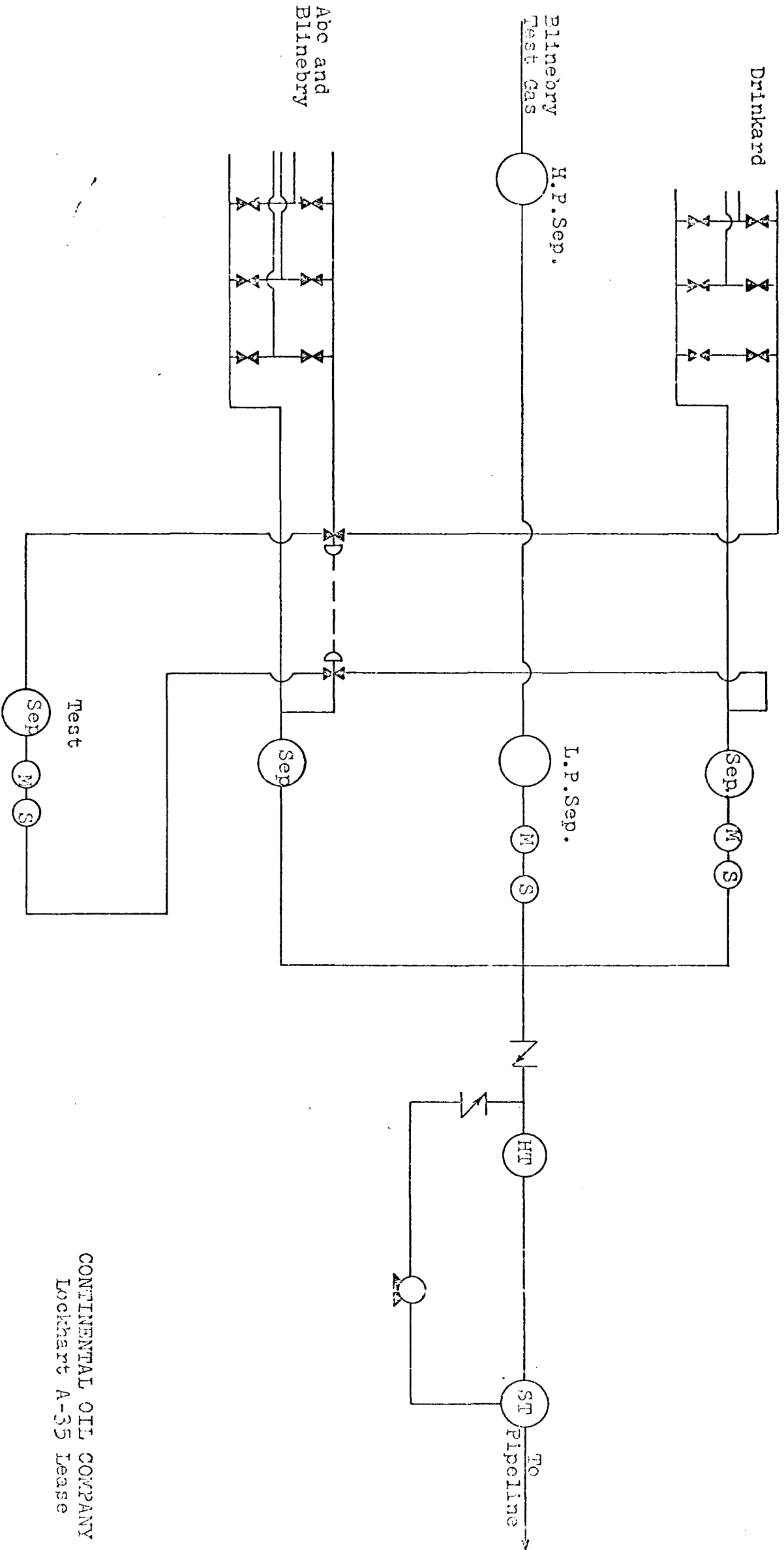
-  Abo Producer (Blinebry TA)
-  Blinebry Gas--Drinkard Oil
-  Blinebry Oil--Drinkard Oil & Tubb Gas (Separate Storage)
-  Tank Battery

CONTINENTAL OIL COMPANY  
PRODUCTION DEPARTMENT  
HOBBS DIVISION

LOCKHART A-35 LEASE

LEA COUNTY, NEW MEXICO

SCALE: 1" = 2,000'



CONTINENTAL OIL COMPANY  
 Lockhart A-35 lease

# LATEST TESTS - LOCKHART A-35 LEASE

<u>Well No.</u>	<u>Zone</u>	<u>Date of Test</u>	<u>Bbls Oil</u>	<u>MCF Gas</u>	<u>Bbls. Water</u>	<u>Gravity</u>
1	Blinebry Gas	5-8-68	2	299	0	62
3	Blinebry	3-26-68	10	224	0	42
1	Drinkard	8-6-68	4	460	0	42
3	Drinkard	8-5-68	6	1144	0	42
2	Wantz Abo	7-4-68	32	83	1	42



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

August 16, 1968

Continental Oil Company  
P. O. Box 460  
Hobbs, New Mexico

Attention: Mr. L. P. Thompson:

Gentlemen:

Your letter of August 9, requests approval to modify the commingling system approved by our letter of June 12, 1964, lease Las Cruces 032096(a). You propose to commingle Wantz Abo pool production with presently commingled Drinkard pool, Blinebry pool, and Blinebry gas pool condensate production.

The method of commingling described by the diagram attached to your letter is hereby approved.

Please notify our Hobbs office when the installation is completed so that a field inspection of the system can be made.

Sincerely yours,

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

[illegible]