

Roswell, New Mexico
July 9, 1962

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

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

Re: Application of Continental Oil
Company for exception to Rule
303(A) in order to commingle the
oil production from the Brunson,
Drinkard and Hare Oil Pools and
the oil and/or distillate produc-
tion from the Tubb and Blinbry
Pools on its Hawk B-10 Lease lo-
cated in Section 10, T21S, R37E,
NMPM, Lea County, New Mexico

Gentlemen:

Continental Oil Company requests an exception to
Rule 303(A) for permission to commingle liquids produced from
the captioned lease and in support thereof submits the follow-
ing information:

1. Applicant's Hawk B-10 Lease consists of E/2 NE/4,
W/2 NE/4 and the SE/4 NE/4, Section 10, T21S, R37E, NMPM, Lea
County, New Mexico. A plat, Exhibit No. 1, attached hereto,
shows the lease, the wells thereon and the battery site.

2. The mineral rights under the above described
lease are held by the Federal Government.

3. Distillate production from gas wells, (if there
be any) and production from oil pools on the lease containing
top allowable or gas-oil ratio penalized wells will be meas-
ured by a suitable meter with non-reset counter and sampler
prior to commingling. Production from the other oil pools
will be allocated on the basis of periodic gas-oil tests. A
tabulation, Exhibit No. 2, attached hereto, shows the latest
test on each well and the average daily production by pools
during the period April 1 to June 1, 1962.

4. The anticipated gravity of the commingled

PC - 91
OK immediately
Commingle
1st liquids
1st liquids
and oil
from the
Brunson,
Drinkard
& Hare
after
separately
measuring
Bl
Tb &
Hare
prod. &
detug
Pr &
Dr on
the basis
of g/o test
pneumatic
interlocks
on 2-way
valves shall
be so arranged
that only one pipe
may be opened at
a time.

production has been calculated to be approximately 42.6° API with a value of \$2.95 per barrel. The gravity and volume of present production by pools is shown on Exhibit No. 2. The actual commercial value of the commingled production for this lease will be approximately \$.64 per day more than it is at the present time.

5. One test facility (separator, meter and sampler) will be utilized for all wells on the lease and will provide accurate measurement of the performance of each individual well. A schematic diagram, Exhibit No. 3, attached hereto, shows the proposed installation. As shown, the facility conforms to the requirements of the manual for the installation and operation of commingling facilities dated September 13, 1961.

6. Commingling of production will result in the prevention of waste and will not impair correlative rights.

In view of the facts stated above, it is respectfully requested that an exception to Rule 303(A) be granted permitting the commingling of production from the several reservoirs on Applicant's Hawk B-10 Lease as described above.

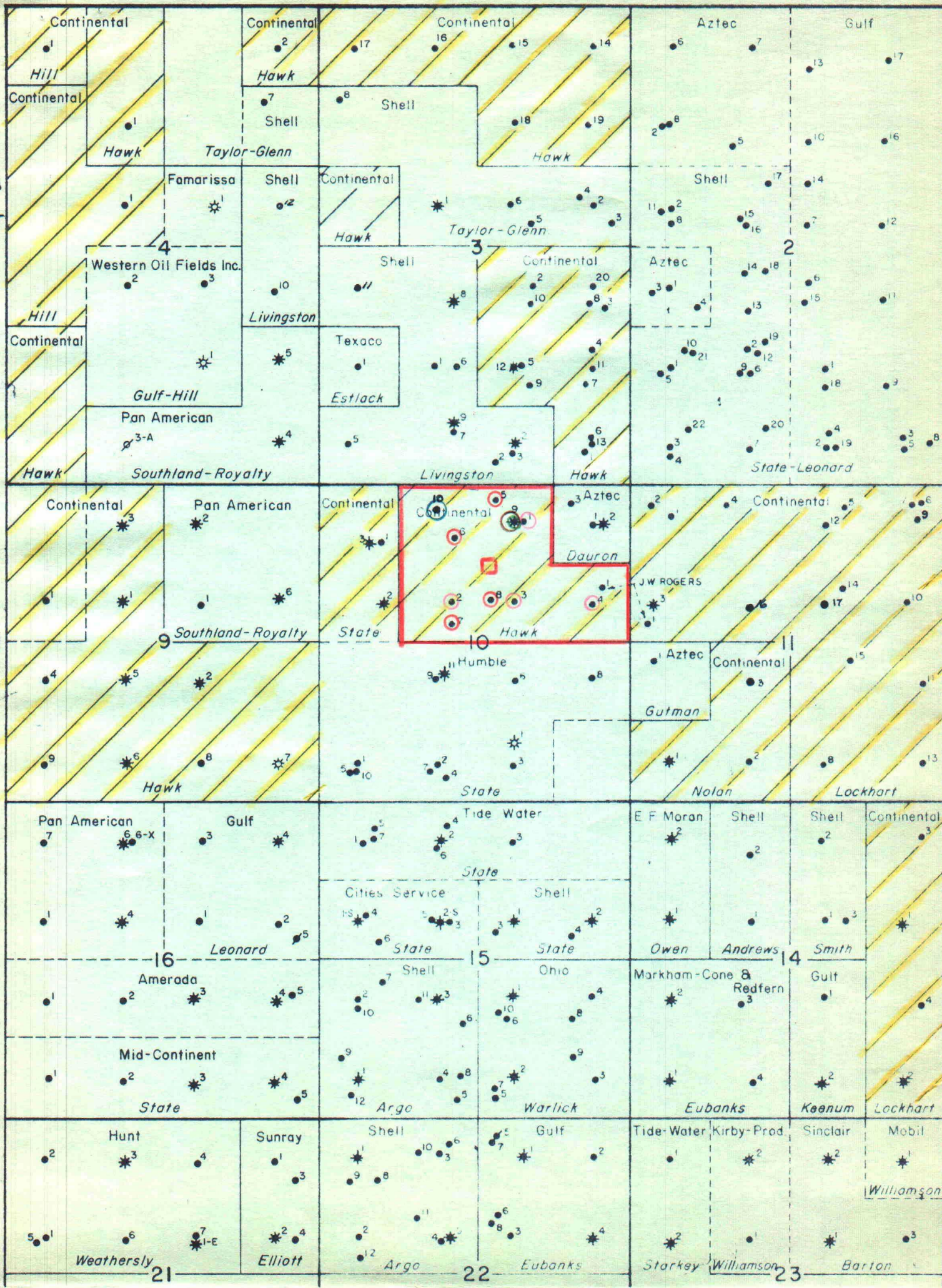
CONTINENTAL OIL COMPANY

BY: A. B. Slaybaugh
A. B. Slaybaugh
Assistant Division Superintendent

VTL-sg
cc: NMOCC, Santa Fe, - 3
RGP
HGD
JWK
CES
FEB
SW
JRP
File

N

T
21
S



R-37-E

- Hawk B-10 Lease Tank Battery □
- Drinkard Oil Pool ○
- Hare Oil Pool ○
- Tubb Gas Pool ○
- Brunson Oil Pool ○
- Blinbry Oil Pool ○

Exhibit No. 1

CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT EUNICE, NEW MEXICO

LOCATION MAP
State 10 - Hawk B-10 Leases

Date: 10-2-61	Scale 1" = 2,000'
Drawn By: R.P.G.	

ILLEGIBLE

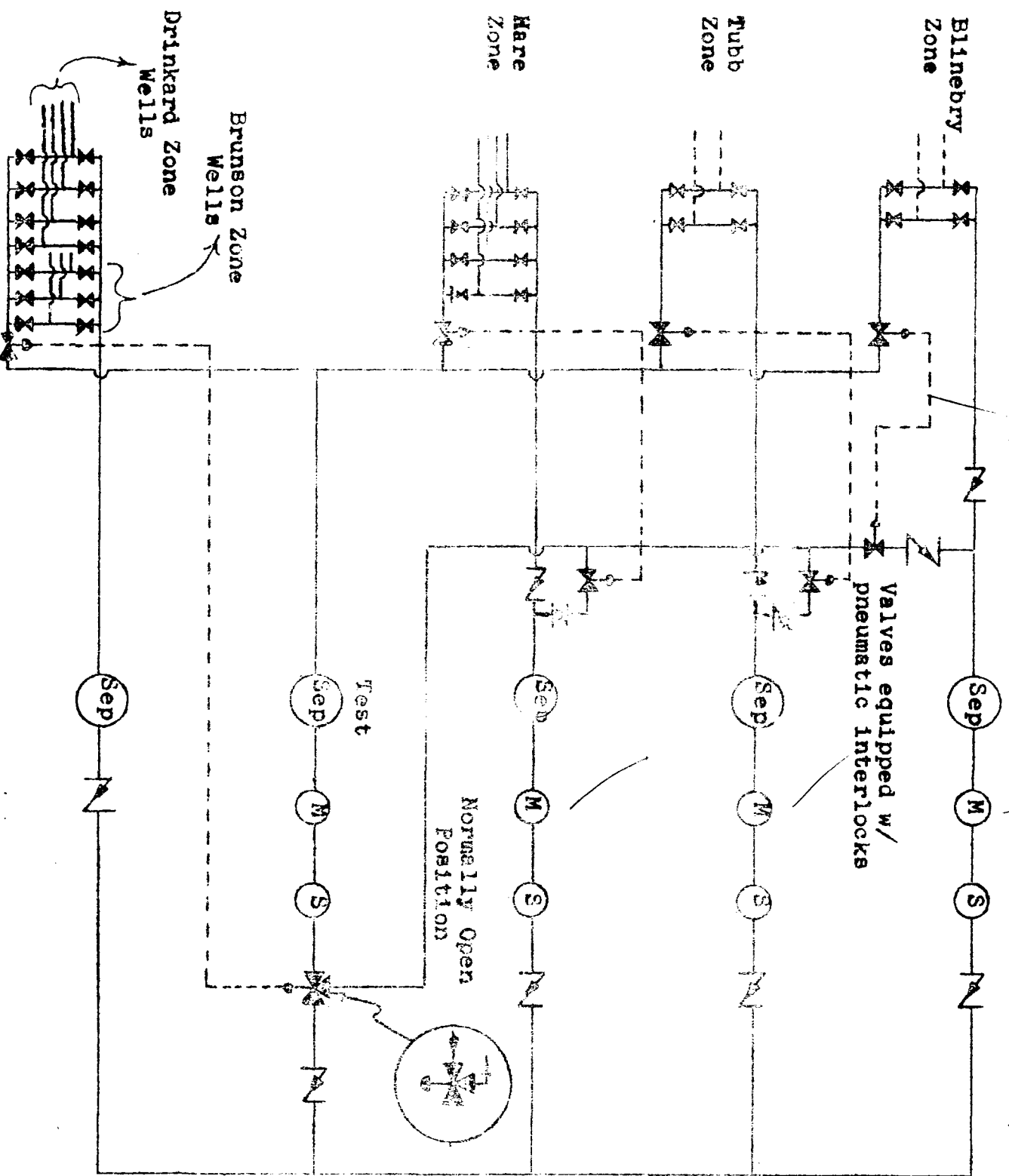
HAWK B-10 LEASE

Well No.	Pool	Date	Oil	Water	Gas	4-1-62 to 6-1-62 Daily Avg. Oil Prod.	Oil Grav.	Value
1	Benson	4-17-62	3	2	18.7	2.3	40.5	2.95
3	Benson	4-10-62	21	61	18.7	20.3	40.5	2.95
4	Benson	TSD					40.5	2.94
7	Benson	4-10-62	10	7	91.7	9.3	40.5	2.95
9	Driskard	6-11-62	3	8	36.7	3.4	39.0	2.92
8	Hare	6-10-62	29	3		32.6	44.0	2.95
5	Hare	6-22-62	5	2	36	9.3	44.0	2.95
7	Hare	6-14-62	13	23	46	11.8	44.0	2.95
6	Hare	6-18-62	27	3	78	19.6	44.0	2.95
24	Tubb	Daily Avg. Last 12 Months.	0.44	0	58.7	0	54.0	2.75
30	Blindway	Completed 6-18-62 as top allowable oil						

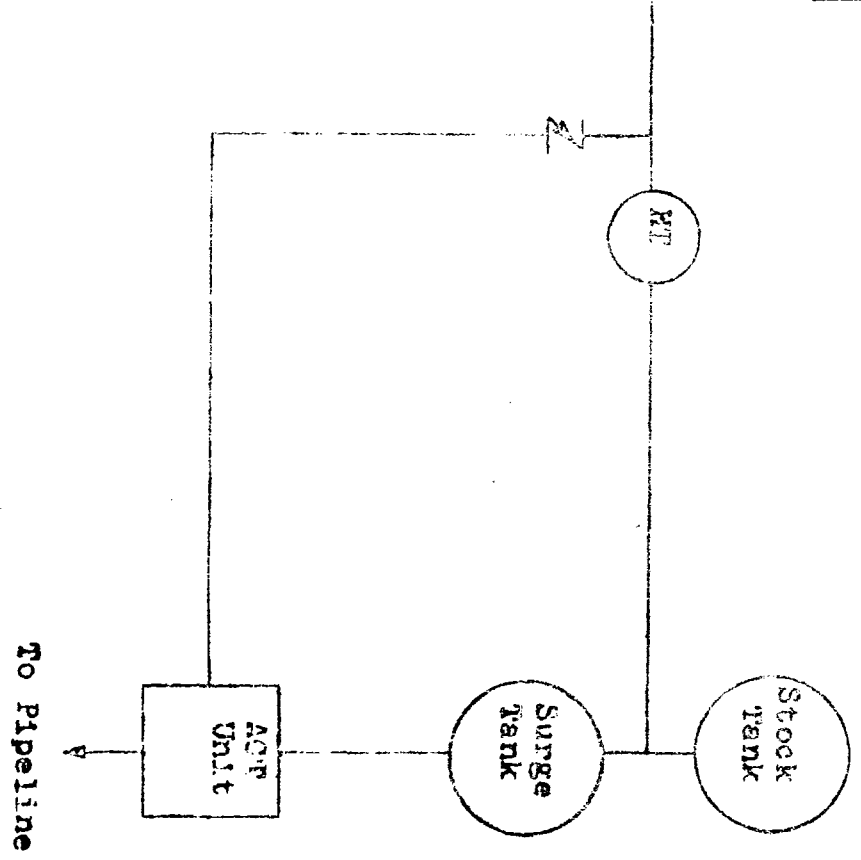
Pool	Daily Volume			Oil Grav.	Value
	Oil	Water	Gas		
Benson	32.5	52	236.1	40.5	2.95
Driskard	8.4	10	36	39.0	2.92
Hare	33.5	26	250.0	44.0	2.95
Tubb	0.44	0	58.7	54.0	2.75

Overall daily TSD

CONTINENTAL OIL COMPANY
Hawk B-10 Lease



ILLEGIBLE





UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1357
Roswell, New Mexico

ILLEGIBLE

June 5, 1962

Continental Oil Company
P. O. Box 111
Roswell, New Mexico

Attention: Mr. William A. Mead

Sir:

Your letter of May 11, 1962, requests our approval to install an automatic custody transfer unit and to combine the oil produced from the Bronson, Orin and, Bairo Blinberry and Tuna Pools in the W&N, W&N and H&N sec. 10, T. 21 N., R. 12 E., N.M.P.M., Lea County, New Mexico, on Federal Lease Gas Order #124116.

The automatic custody transfer system and the method of metering the oil production as described by the diagrams attached to your letter, are hereby approved. All master meter moving tests should be scheduled so that a survey engineer of our Hobbs office may be notified in sufficient time to witness the calibration.

You are requested to notify our Hobbs office when the installation is completed so that a final inspection of the system can be made.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Supp. 10/1/62
10/1/62
10/1/62