SUNOCO **SUN OIL COMPANY** XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX **DX**

P. O. Box 1861
Midland, Texas 79701

August 19, 1970

Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter

Re: Commingling of the Blinebry
Drinkard and Tubbs Zones on
the State Land "15" Lease
Lea County, New Mexico

Dear Sir:

Sun Oil Company hereby requests exception to Rule 303(A) for permission
to commingle the Blinebry and Drinkard oil production with the Tubbs gas
pool condensate on our State Land "15" lease located in Units M, N, O, P
of Section 16, T-21-S, R-37-E of Lea County, New Mexico.

On December 17, 1958 Sun Oil Company obtained permission to commingle
the Blinebry and the Drinkard oil production with metering facilities
on each pool. (Order No. R-1307). We hereby ask that this order be
revised as per the above request.

At the present time all of the wells have marginal production and thus
we propose to allocate back to each well on the basis of monthly tests.
We propose to meter the condensate produced from Well #4, completed in
the Tubbs gas zone, separately because it is operated by demand. At
present this well does not produce any water.

The State Land "15" Lease is a 100% Sun Oil Company interest lease and
has a common royalty ownership. Produced oil is sold to Mobil Pipe Line.

A schematic diagram of the lease's proposed facility, a lease plat and
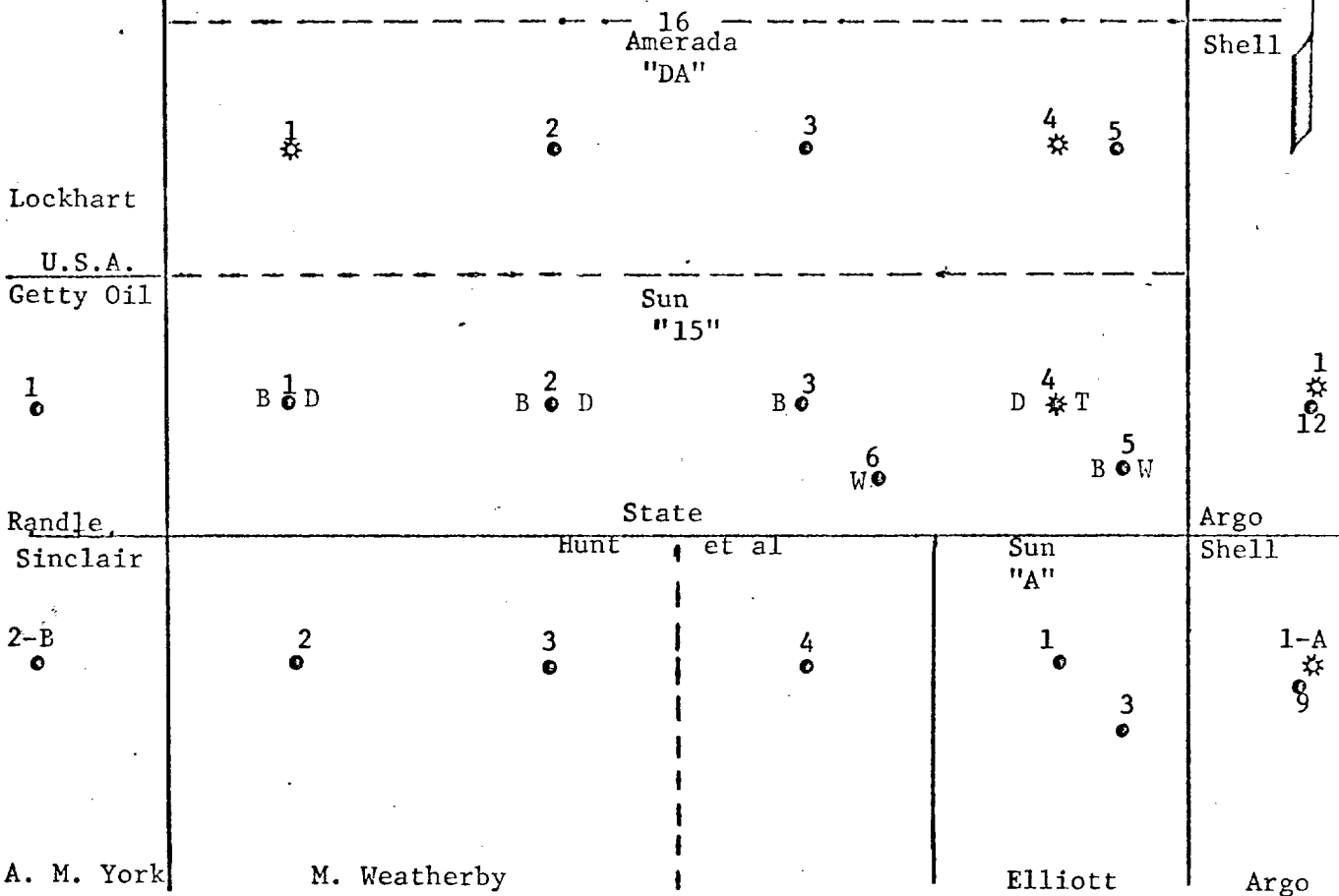well tests are attached.

Thank you,

SUN OIL COMPANY

Jack Andrews
District Engineer

PEP:lh
cc: Oil Conservation Commission
Hobbs, New Mexico

Cont' 1.
"A"

— 16 —
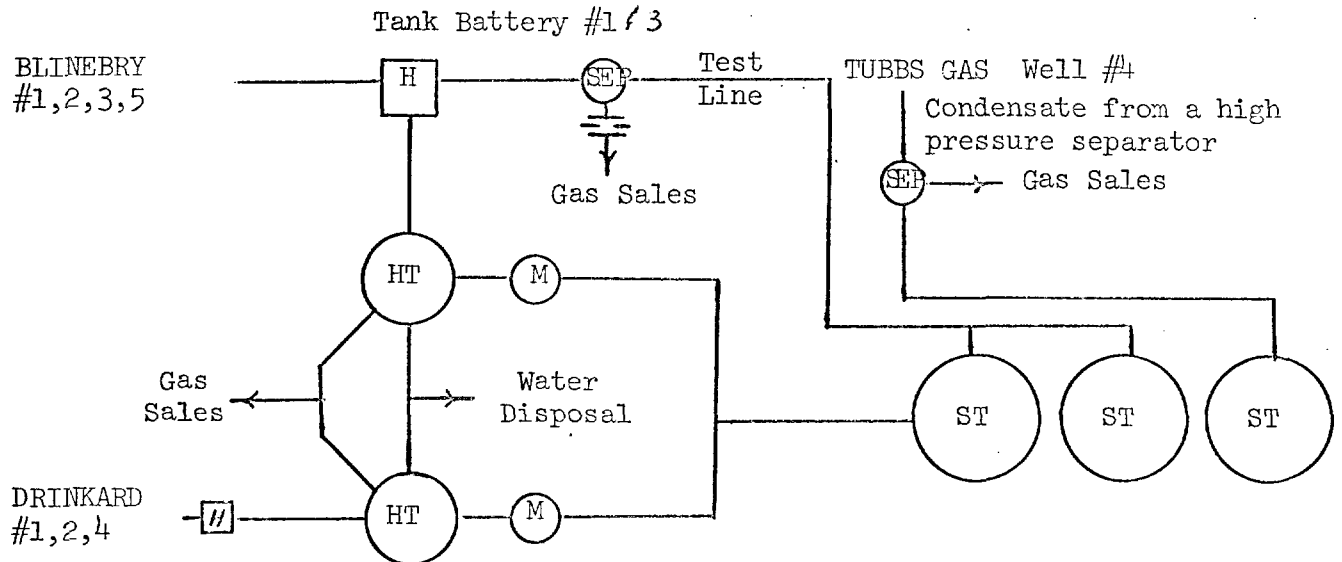Amerada
"DA"

Shell

1 ☼   2 ⊙   3 ⊙   4 ☼   5 ⊙

Lockhart

U.S.A.
Getty Oil

Sun
"15"

1 ⊙

B 1 D ⊙   B 2 D ⊙   B 3 ⊙   D 4 T ☼

1 ☼ ⊙
12

6 W ⊙

B 5 W ⊙

Randle   State   Argo
Sinclair   Hunt   et al   Sun   Shell
                              "A"

2-B ⊙   2 ⊙   3 ⊙   4 ⊙   1 ⊙   1-A ☼ ⊙ 9

3 ⊙

A. M. York   M. Weatherby   Elliott   Argo

PRODUCING FORMATION		SUN OIL COMPANY	PRODUCING LEASE
NAME		FIELD: Blinebry, Drinkard	STATE LAND '15'
Blinebry	B	Wautz Abo, Tubb	
Drinkard	D	DISTRICT: Midland GROUP: Eunice	
Tubb	T	COUNTY: Lea STATE: New Mexico	
Wautz Abo	W	SCALE 1" = 3000'	

SUN OIL COMPANY

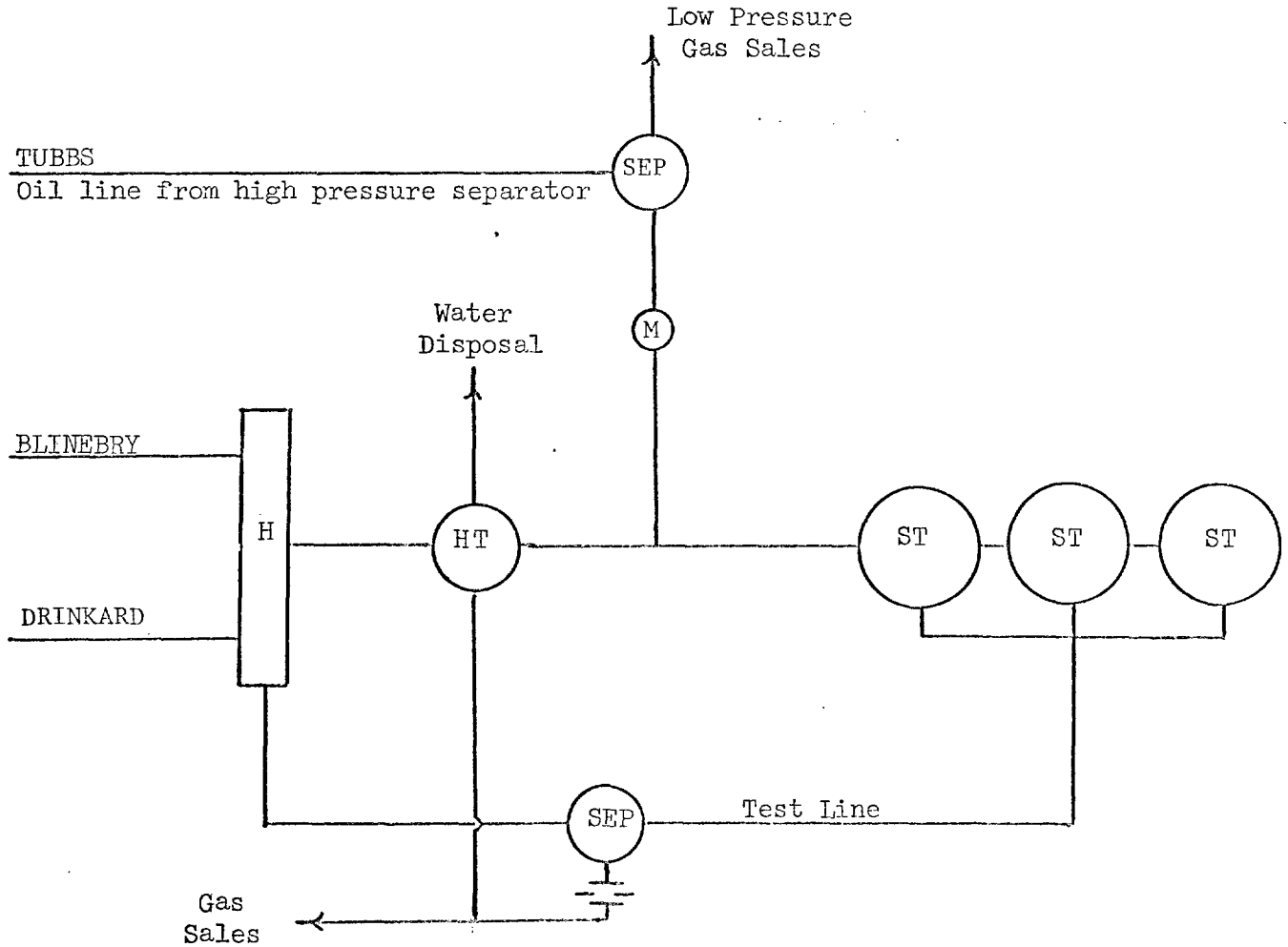### STATE LAND "15" LEASE
Sec. 16, T-21-S, R-37-E
Lea County, New Mexico

PRESENT INSTALLATION

Tank Battery #1 & 3

BLINEBRY
#1,2,3,5

H

SEP   Test
Line

Gas Sales

TUBBS GAS   Well #4
Condensate from a high
pressure separator

SEP ——— Gas Sales

HT   M

Gas
Sales

Water
Disposal

ST   ST   ST

DRINKARD
#1,2,4   //   HT   M

SUN OIL COMPANY

STATE LAND "15" LEASE
Sec. 16, T-21-S, R-37-E
Lea County, New Mexico

PROPOSED INSTALLATION

Low Pressure
Gas Sales

TUBBS

Oil line from high pressure separator — (SEP)

Water
Disposal

(M)

BLINEBRY

H   (HT)   (ST)   (ST)   (ST)

DRINKARD

(SEP)   Test Line

Gas
Sales

STATE LAND "15" COMMINGLING
LEASE PRODUCTION
Bbl Oil/Day

	April	May	June	Average
DRINKARD				
#1	3	3	8	5
#2	4	4	5	4
#4	3	5	4	4
				13
BLINEBRY				
#1	6	5	4	5
#2	5	4	5	5
#3	8	5	21	11
#5	47	42	22	37
				58
TUBBS (Gas)				
#4	4	0	0	1
			TOTAL	72

GRAVITY

	°API	$/bbl.
Blinebry	39	3.29
Drinkard	39	3.29
Tubbs	62.2	3.07

COMMINGLED GRAVITY

$$\left[\frac{Blinebry}{Total}\right][°API] + \left[\frac{Drinkard}{Total}\right][°API] + \left[\frac{Tubbs}{Total}\right][°API] =$$

$$\left[\frac{58}{72}\right]39 + \left[\frac{13}{72}\right]39 + \left[\frac{1}{72}\right]62.2 = °API$$

$$31.40 + 7.05 + .86 = 39.31 °API$$

COMMERCIAL VALUE OF OIL

Before Commingling

BLINEBRY	58 bbl/day (3.29 $/bbl.)	=	192.00
DRINKARD	13 bbl/day (3.29 $/bbl.)	=	42.80
TUBBS GAS CONDENSATE	1 bbl/day (3.07 $/bbl.)		3.07

237.87 $/day

After Commingling

72 bbl./day (3.29 $/bbl.)   237.00 $/day

TOTAL GAIN   0.87 $/day