

CCC-SF

Sunray DX Oil Company



District Office

June 4, 1968

P. O. Box 1416
Roswell, New Mexico

PC-353

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

Date June 7, 1968
68 JUN 7 AM 10 42

RE: Application to Commingle
A. Cooper Lease
Monument SA and Monument Blby. Fields
Lea County, New Mexico

Dear Sir:

Sunray DX Oil Company hereby requests permission to commingle the San Andres and Blinebry production from the A. Cooper Lease located in the E/4 of Section 12, T-20-S, R-36-E and the W/4 of Section 7, T-20-S, R-37-E all in Lea County, New Mexico.

In compliance with Rule 303, the following data is submitted for your approval.

- (1) Blinebry Oil Gravity, San Andres Oil Gravity.
- (2) Daily production from each pool.
- (3) Commingled gravity.
- (4) Value of commingled oil as compared with the individual pool production.
- (5) Schematic drawing of proposed installation.
- (6) Plat of subject lease.

Yours truly,

SUNRAY DX OIL COMPANY

John Hastings
District Engineer

JH/nsh

Attachments

A. COOPER LEASE
APPLICATION TO COMMINGLE
MONUMENT SAN ANDRES AND BLINEBRY FIELDS

PRODUCTION TABULATION

	<u>SAN ANDRES - 5 WELLS</u>	<u>BLINEBRY - 1 WELL</u>
	<u>BOPD</u>	<u>BOPD</u>
April 1	48	0
2	33	5
3	43	6
4	54	5
5	54	6
6	37	0
7	47	6
8	35	5
9	33	5
10	23	0
11	23	0
12	23	0
13	23	5
14	18	6
15	12	0
16	39	6
17	43	5
18	48	6
19	55	5
20	48	0
21	38	5
22	55	6
23	46	0
24	44	5
25	45	0
26	52	6
27	46	10
28	48	0
29	55	0
30	44	0

PRODUCTION TABULATION

	<u>SAN ANDRES - 5 WELLS</u>	<u>BLINEBRY - 1 WELL</u>
	<u>BOPD</u>	<u>BOPD</u>
May 1	47	0
2	43	0
3	62	0
4	42	6
5	44	Acidize Well
6	36	Rec. Load Oil
7	37	Rec. Load Oil
8	50	Rec. Load Oil
9	34	Rec. Load Oil
10	32	Rec. Load Oil
11	35	Rec. Load Oil
12	36	Rec. Load Oil
13	44	Rec. Load Oil
14	40	Rec. Load Oil
15	40	Rec. Load Oil
16	39	Rec. Load Oil
17	40	Rec. Load Oil
18	30	Rec. Load Oil
19	36	Rec. Load Oil
20	40	Rec. Load Oil
21	40	All Load Oil Recovered
22	37	13
23	48	19
24	40	38
25	63	27
26	50	13
27	42	13
28	42	16
29	35	10
30	42	10
31	42	9

BLINEBRY PRODUCTION

16 BOPD @ 39.8° API

SAN ANDRES PRODUCTION

40 BOPD @ 30.7° API

$$\text{COMMINGLED GRAVITY} = \frac{(\text{Blby Prod})}{(\text{Total Prod})} (\text{°API}) + \frac{(\text{S.A. Prod})}{(\text{Total Prod})} (\text{°API})$$

$$= \frac{(16)}{(56)} (39.8) + \frac{(40)}{(56)} (30.7)$$

$$= 11.4 + 21.9$$

$$\text{COMMINGLED GRAVITY} = 33.3^\circ \text{ API}$$

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COMMERCIAL VALUE OF OIL PRIOR AND AFTER COMMINGLING

<u>BLINEBRY</u>	16 <u>Bbl.</u>	X	30 <u>Day</u>	X	<u>\$2.98</u>	=	\$1432 per Month
	Day		Mo.		Bbl.		@ 39.8° API

<u>SAN ANDRES</u>	40 <u>Bbl.</u>	X	30 <u>Day</u>	X	<u>\$2.80</u>	=	\$3360 per Month
	Day		Mo.		Bbl.		@ 30.7° API

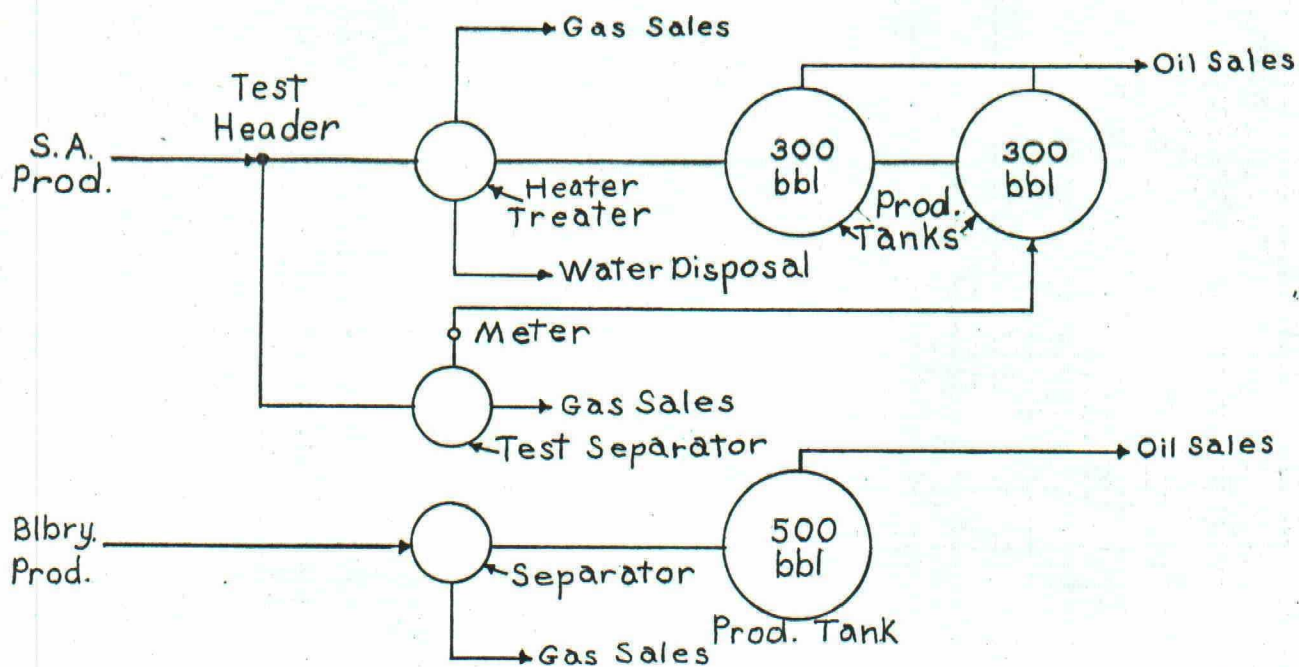
<u>TOTAL INCOME</u>							<u>\$4792</u>
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COMMINGLED PRODUCTION @ 33.3° API

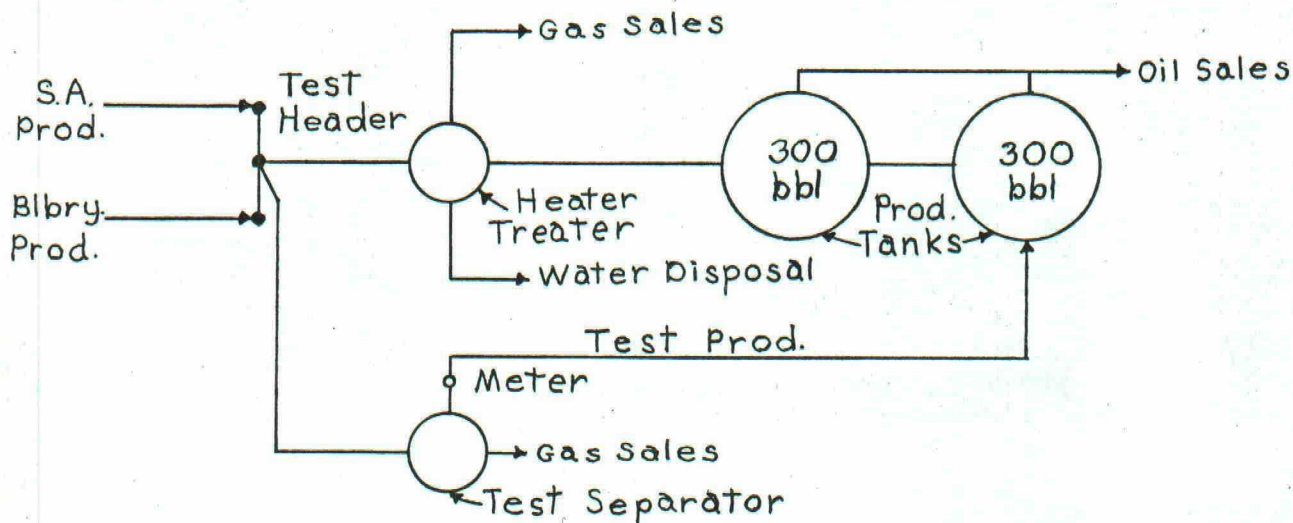
<u>TOTAL INCOME</u>	56 <u>Bbl.</u>	X	30 <u>Day</u>	X	<u>\$2.86</u>	=	<u>\$4800</u>
	Day		Mo.		Bbl.		

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A. COOPER LEASE
APPLICATION TO COMMINGLE
MONUMENT SAN ANDRES AND BLINEBRY FIELDS
PRESENT INSTALLATION

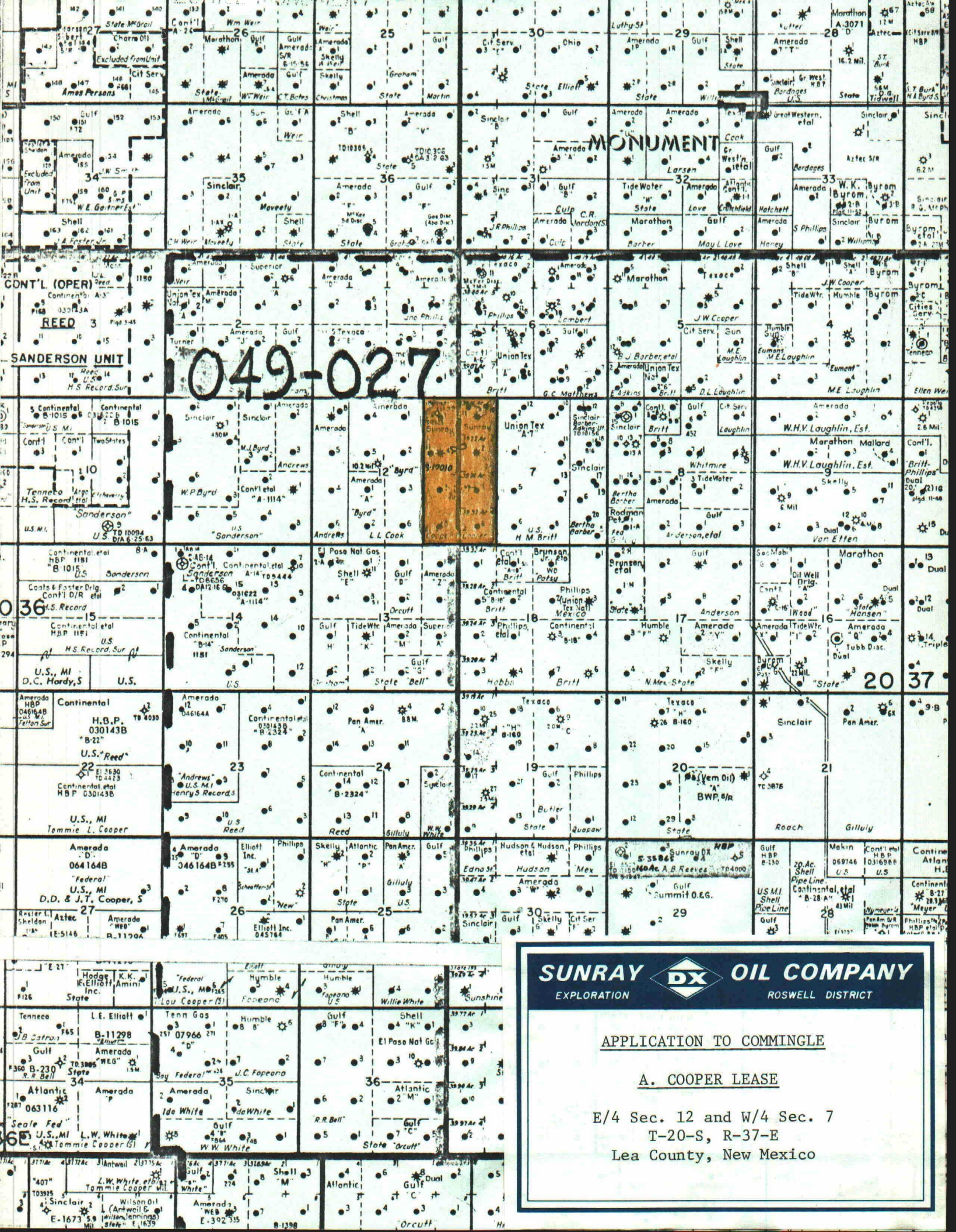


PROPOSED INSTALLATION



NOTE:

NO WELL ON THE LEASE IS CAPABLE OF TOP ALLOWABLE PRODUCTION, THEREFORE WE PROPOSE TO ALLOCATE PRODUCTION ON BASIS OF WELL TESTS. A. COOPER WELLS NOS. 5, 6, 7, 11, AND 12 ARE PRESENTLY PRODUCING FROM THE SAN ANDRES WHILE A. COOPER NO. 10 IS THE ONLY BLINEBRY PRODUCER.



SUNRAY OIL COMPANY
EXPLORATION ROSWELL DISTRICT

APPLICATION TO COMMINGLE

A. COOPER LEASE

E/4 Sec. 12 and W/4 Sec. 7
T-20-S, R-37-E
Lea County, New Mexico