



SUN OIL COMPANY

MEADOW PARK BUILDING, POST OFFICE BOX 2880, DALLAS, TEXAS 75221



P. O. Box 1861
Midland, Texas 79701

January 14, 1971

*pe-411
1/25/71
ak*

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

Re: Commingling of The Drinkard
and the Penrose Skelly Gray-
burg Pools under the W. W.
Weatherly Lease,
Lea County, New Mexico

Attention: Mr. D. S. Nutter

Sun Oil Company hereby requests exception to rule 303 (A) for per-
mission to commingle top allowable production from the Weatherly #3
in the Penrose Skelly Grayburg Pool and marginal production from the
Weatherly #2 in the Drinkard Pool under the W. W. Weatherly Lease
located in Section 17, T-21-S, R-37-E, Lea County, New Mexico.

Well #3 has just been recompleted in the Penrose Skelly Grayburg Pool
and is capable of top allowable production with very little water.
We propose to meter this pool and periodically obtain BS&W contents.

Well #2 is a marginal producer in the Drinkard pool and we propose to
allocate its production in the basis of periodic well tests. These
two wells produce into a separate battery than wells #1-7 and #4.

The W. W. Weatherly lease is a 100% Sun Oil Company interest lease
with common royalty ownership. Gravity of the lease oil from both
pools is 35° API and sells for an average of 3.04 \$/bbl. because the
gravities are the same, there will be no change in the gravities or
the price of the commingled oil.

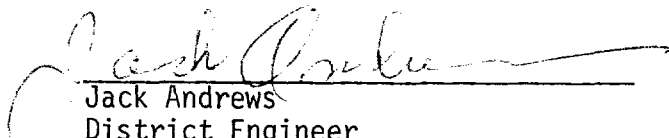
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We believe this facility will give a economic means of receiving, measuring and storing of the produced hydrocarbon.

A schematic diagram of the present and proposed facilities, a lease plat and well tests are attached.

Yours truly,

SUN OIL COMPANY



Jack Andrews
District Engineer

PEP/jc

Attachments/as

W. W. WEATHERLY

LEASE PRODUCTION BOPD

<u>DRINKARD ZONE</u>	<u>SEPT.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>
<u>#2</u>	<u>10</u>	<u>12</u>	<u>13</u>	<u>16</u>

Total Average Production 13 BPCD

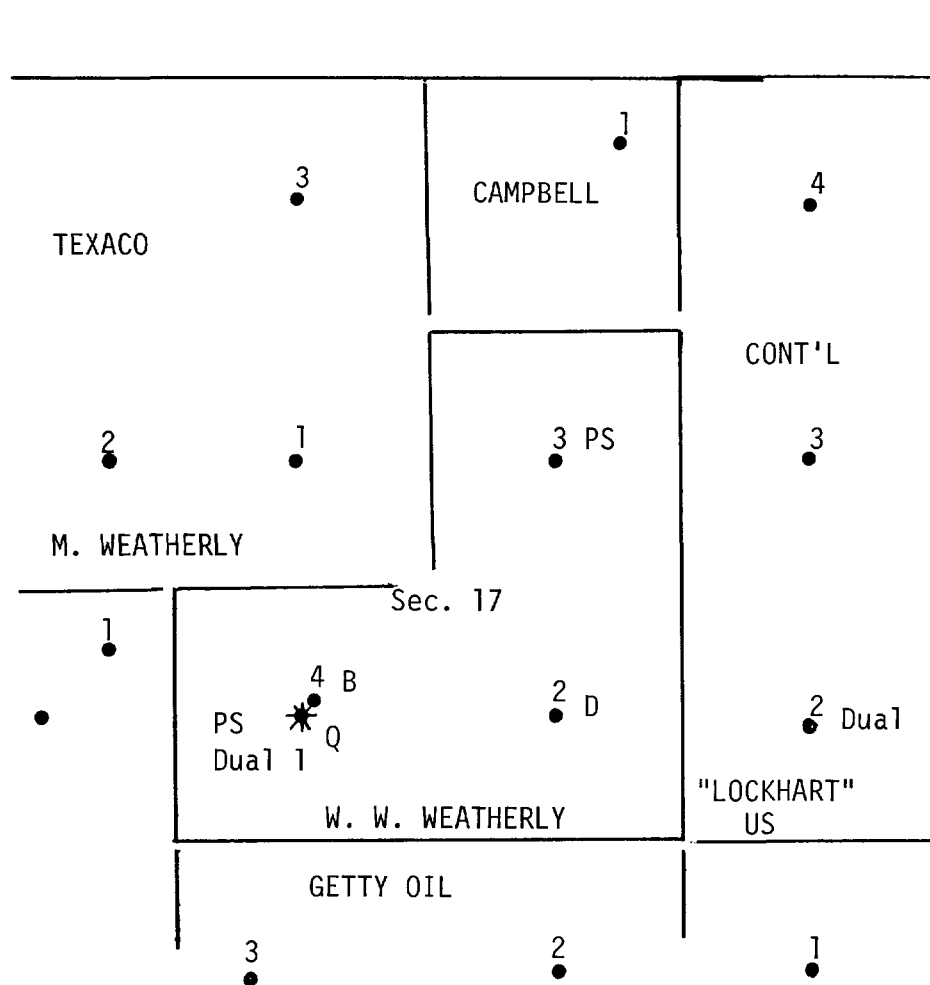
<u>GRAVITY</u>	<u>°API</u>	<u>\$/BBL.</u>
DRINKARD	35	3.04
PENROSE SKELLY GRAYBURG	35	3.04

COMMINGLED GRAVITY

35° API

PIPE LINE SHELL

SUN OIL COMPANY
W. W. WEATHERLY LEASE
SEC. 17, T-21-S, R-37-E
LEA COUNTY, NEW MEXICO



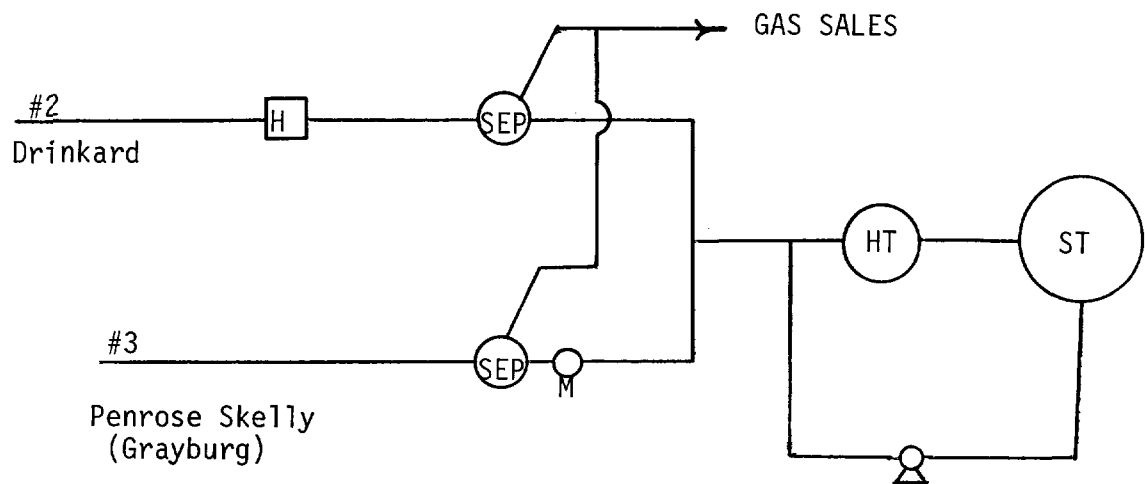
Producing Formations
B Blinebry
D Drinkard
PS Penrose Skelly

PRESENT FACILITIES

Drinkard Pool



PROPOSED FACILITIES



M = Meter
H = Header
HT = Heater Treater
ST = Stock Tank