



**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  
at 1/25/71*

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.

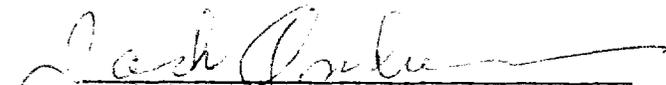
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We believe this facility will give a economic means of receiving,  
measuring and storing of the produced hydrocarbon.

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

DRINKARD ZONE  
#2

SEPT.  
10

OCT.  
12

NOV.  
13

DEC.  
16

Total Average Production 13 BPCD

GRAVITY

°API

\$/BBL.

DRINKARD

35

3.04

PENROSE SKELLY GRAYBURG

35

3.04

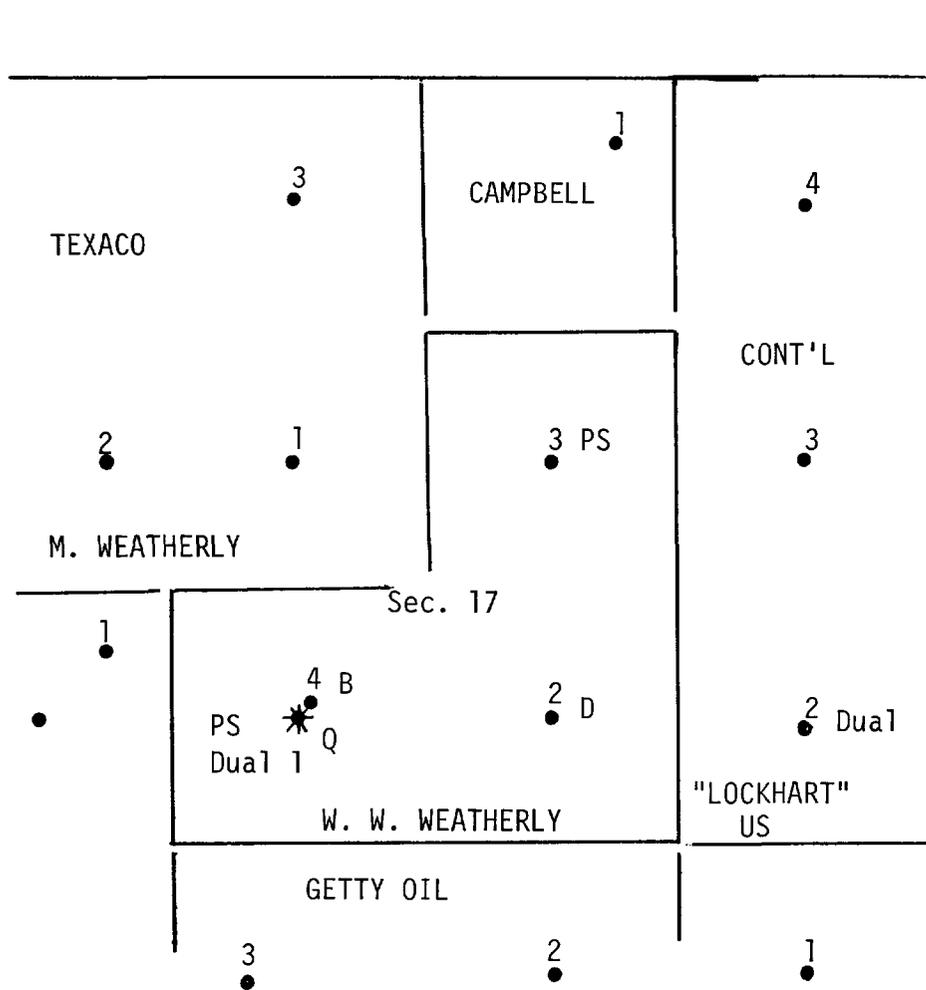
COMMINGLED GRAVITY

35° API

PIPE LINE

SHELL

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



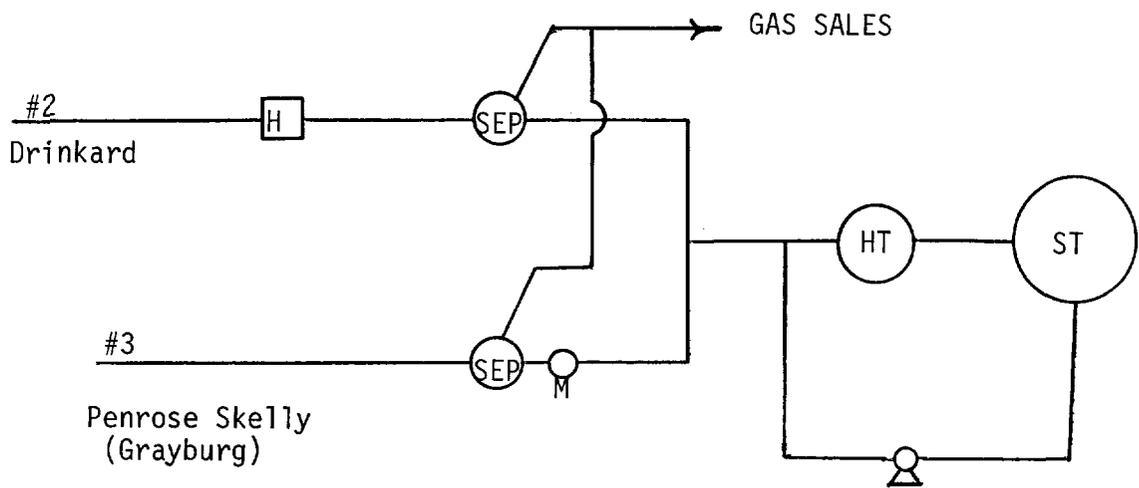
Producing Formations  
B Blinebry  
D Drinkard  
PS Penrose Skelly

PRESENT FACILITIES

Drinkard Pool



PROPOSED FACILITIES



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