



# SHELL OIL COMPANY

P. O. Box 1858  
Roswell, New Mexico

MAIN OFFICE SOC  
DEC 17 1963 AM 8-43

December 17, 1963

Subject: Commingling of Yates Zone  
with already commingled  
San Andres & Paddock Zones  
State V Lease, Vacuum Field

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

We are, by this letter and enclosed documents making application for an exception to Rule 303(a) of the N.M.O.C.C. Rules and Regulations. We propose to commingle whatever wells we may successfully complete in the Yates Zone with the already commingled (Administrative Order #PC-170) Paddock and San Andres Zones on Shell's State "V" Lease located in E/2, SE/4, Section 27, T-17-S, R-35-E in the Vacuum Field. Since each of these zones contains top allowable wells, we plan to continuously meter and sample the Yates and Paddock Zones as prescribed by the subtraction method of zone commingling. Individual well production will be allocated by monthly well tests which will be conducted by producing the subject well through a metering separator. Since both the Paddock and San Andres are sour with an API gravity range of 35° to 38° and the Yates is normally sour with a similar gravity range, we expect no change in revenue as a result of commingling. Daily production in the San Andres and Paddock Zones is 78 barrels and 69 barrels respectively. Production from each Yates well added is expected to be equal to top allowable for that zone.

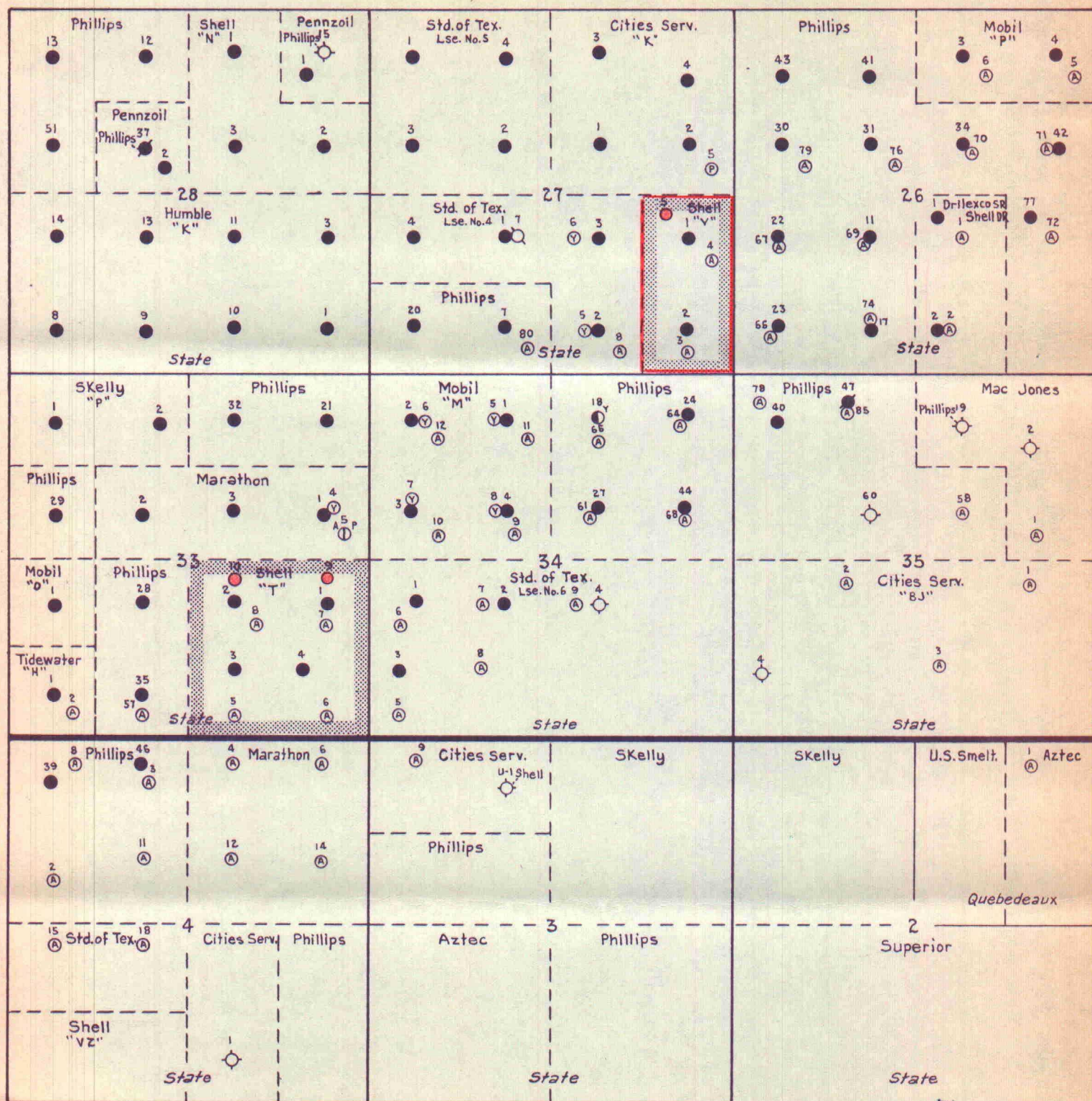
In accordance with Rule 303(b), the following attachments accompany this application (1) Plat of the lease (2) Schematic of proposed installation (3) Letter of approval from State Land Department.

In view of the above presented information, we respectfully request approval of this project.

Yours very truly,

T. H. Dwyer  
Division Production Manager

Attachments



# LEGEND

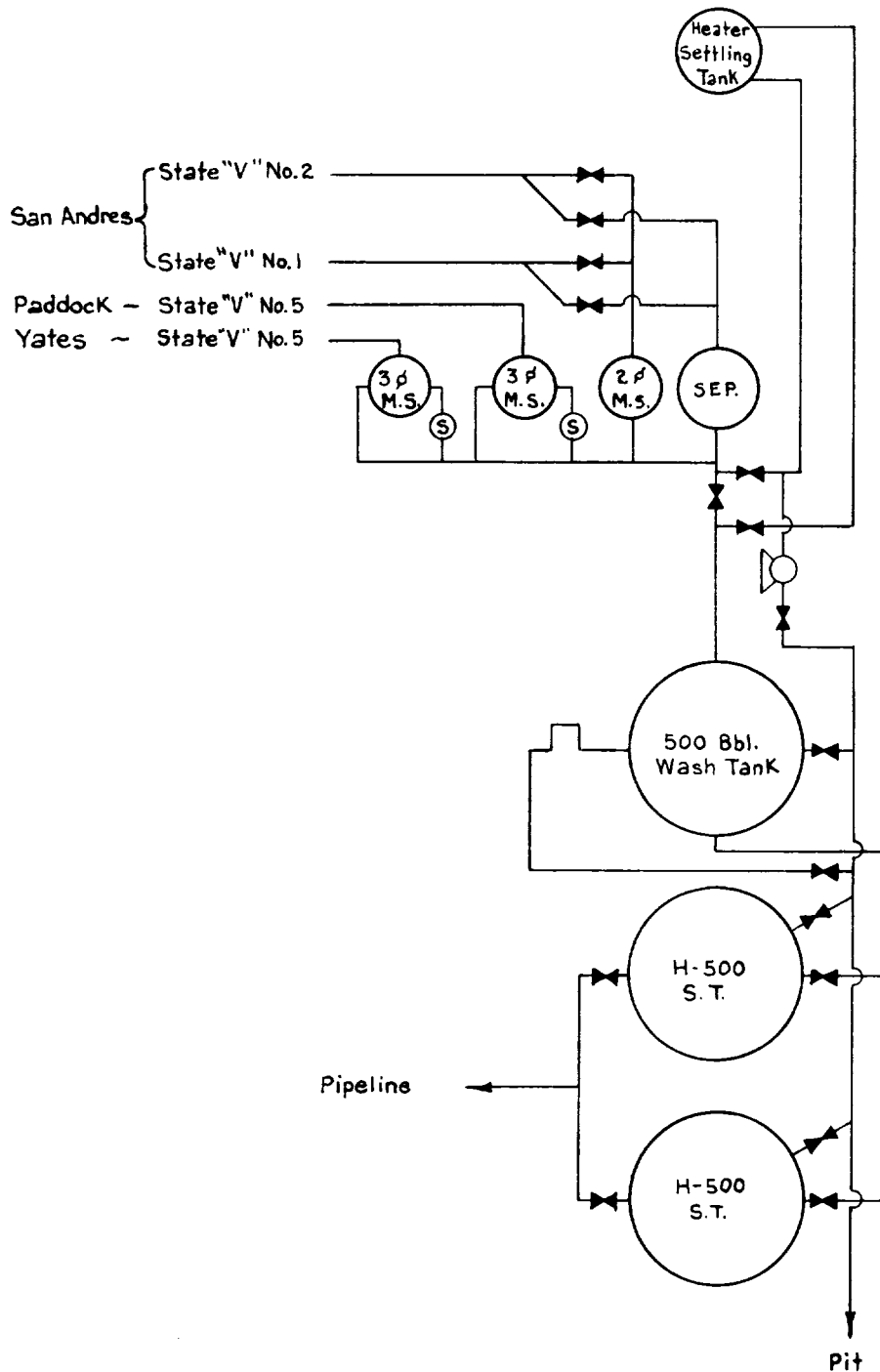
- ⊙ Yates
- Grayburg-San Andres
- Ⓟ Paddock
- Ⓐ Abo
- Proposed Duals

SHELL OIL CO.  
OWNERSHIP PLAT  
1"=2000'

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MAIN OFFICE OCC

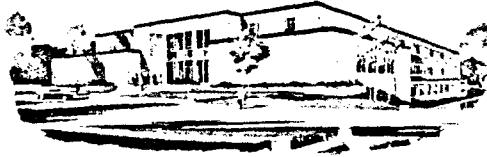
SHELL OIL CO.  
SCHEMATIC DIAGRAM  
STATE "V" BATTERY  
VACUUM FIELD  
10-8-63



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MAIN OFFICE OCC

# State of New Mexico



## Commissioner of Public Lands

E. S. JOHNNY WALKER  
COMMISSIONER



P. O. BOX 791  
SANTA FE, NEW MEXICO

December 11, 1963

Shell Oil Company  
P. O. Box 1858  
Roswell, New Mexico

ATTENTION: Mr. T. H. Dwyer

RE: Commingling of production from Yates Pool  
with previously approved installation of  
Paddock and San Andres (Administration  
Order PC-170) State "V" Lease, E/2 SE/4,  
Section 27-17S-35E, Vacuum Field, Lea  
County, New Mexico

Gentlemen:

Since we have previously approved commingling of  
production from two pools on this lease, we have  
no objections to commingle Yates production also.  
This, of course, being subject to approval by the  
Oil Conservation Commission.

Your plat shows the E/2 SE/4 of Section 27 as being  
the only acreage in State "V" Lease. Let us know  
if this is correct.

Very truly yours,

E. S. JOHNNY WALKER  
COMMISSIONER OF PUBLIC LANDS

BY: *Romulo Martinez*  
ROMULO MARTINEZ  
Oil and Gas Department

ESJW/RM/po

CC: Oil Conservation Commission  
Oil and Gas Accounting Commission

SHELL	
RECEIVED	
DEC 12 1963	
ROSSELL PROD.	
OWN. INT.	1
SURV.	12
E. Eng.	14
M. Eng.	3
P-S Supv.	
Driz. F.	
Off. Supv.	
Discuss	Web File
<del>Reply</del>	Lse. File
Can Up	add file
Destroy	Can. File

*Handwritten notes:* "also" next to "E. Eng.", "Rec" next to "M. Eng.", "Reply" next to "Discuss".