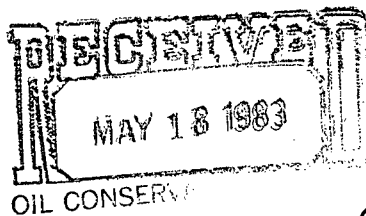


ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100



May 11, 1983

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Ramey:

Unorthodox Location
State Vacuum Unit No. 23
Lea County, New Mexico

ARCO Oil and Gas Company respectfully requests administrative approval to drill its State Vacuum Unit No. 23, a producing infill well in the active waterflood unit, at an unorthodox location of 1530' FSL and 2490' FEL, Section 32, Township 17 South, Range 34 East, Lea County. The well is to be drilled to a TD of 4900'. In ARCO's opinion, completion of the well at the proposed location will recover unswept secondary production that would otherwise be left behind due to premature water breakthrough in the unit. The offsetting proration units to the proposed location all fall within the State Vacuum Unit operated by ARCO and, therefore no offset operators were notified of the request. Attached for your information is a plat showing offset operators to the State Vacuum Unit as well as the proposed well location. Other pertinent data is also attached.

Your prompt approval of this request will be sincerely appreciated. Please advise if we can furnish any additional information concerning this request.

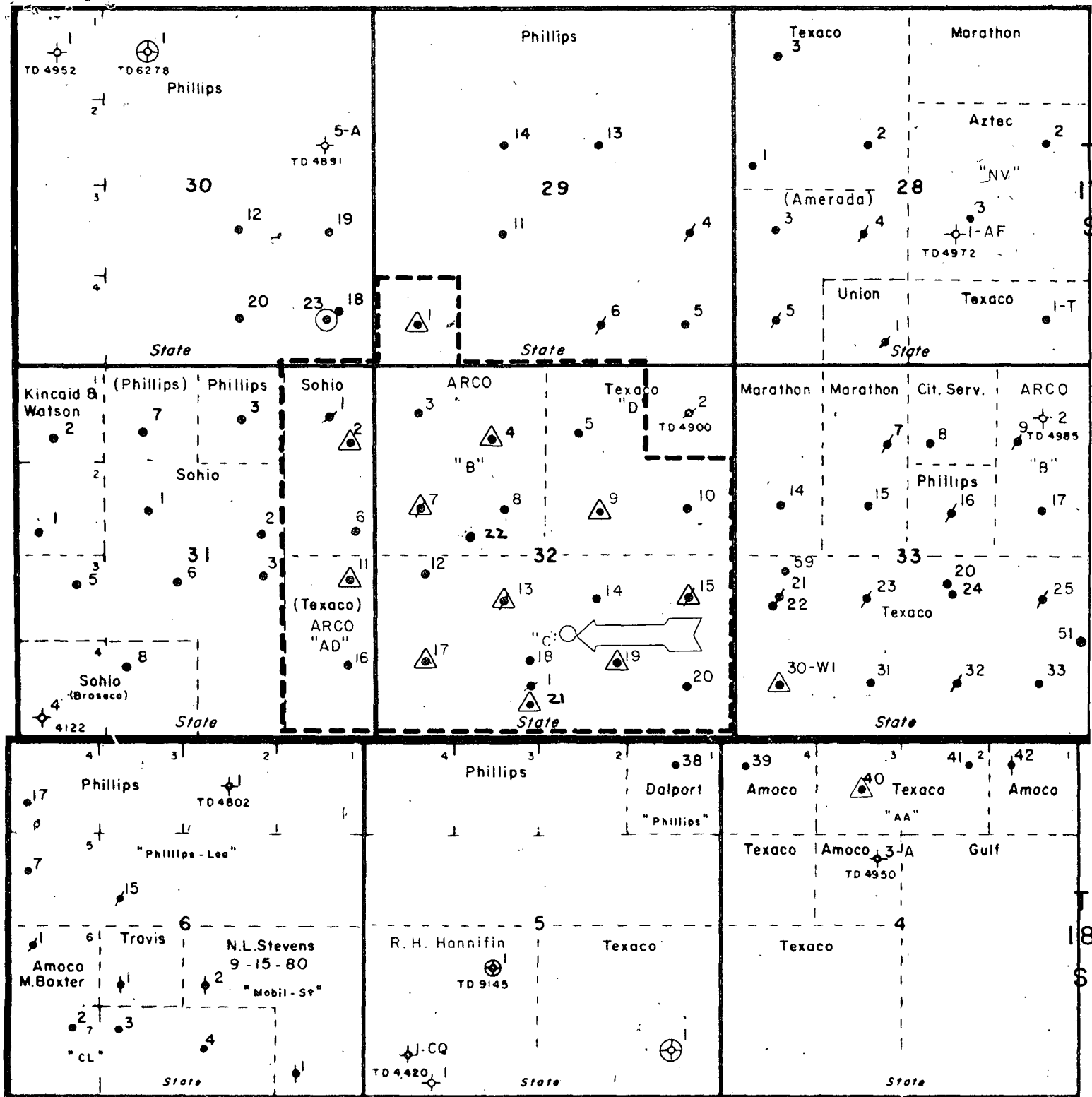
Sincerely yours,

J. A. Fraga
Engineer

JAF:dmm
Atts.

Xc: NMOCC - Hobbs Office

*NSL 1699
Rule 104 F
Vacuum & Grayburg
San Andres Pool
Immediate*



R 34E

LEGEND

--- UNIT BOUNDARY

• PRODUCER - SAN ANDRES

▲ INJECTOR - SAN ANDRES

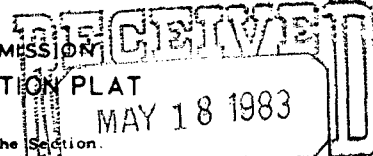
ARCO Oil and Gas Company 
Division of Atlantic Richfield Company
Permian District Midland, Texas

VACUUM (GRBG.-S.A.) AREA
STATE VACUUM UNIT

Lea County, New Mexico

By: J. A. Frago	Drawn By: TCB	Date: 10-82
Date: 10-20-82	Revised By:	Date:
Dept: West Engineering	Dwg No:	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT



Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

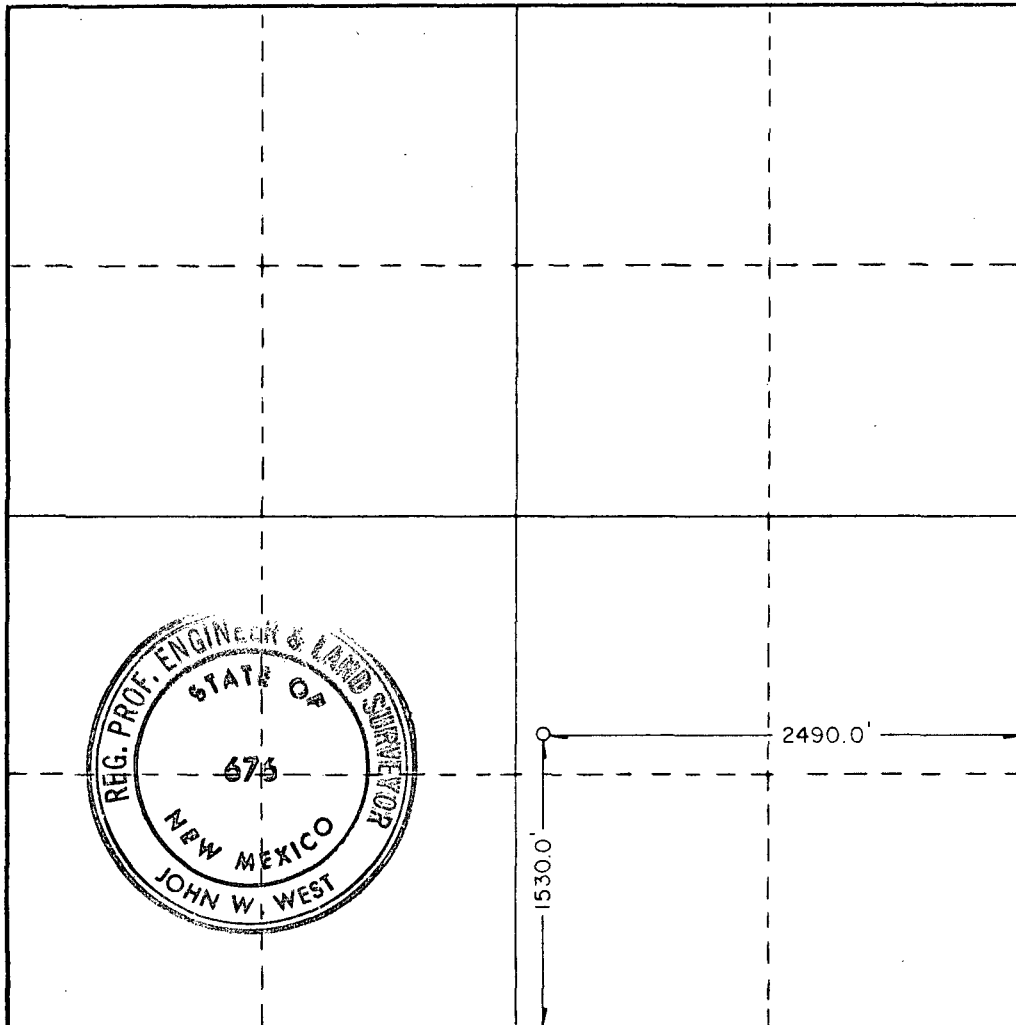
Operator Arco Oil and Gas Company		Lease State Vacuum Oil		Well No. 23	
Unit Letter J	Section 32	Township 17 South	Range 34 East	County Lea	
Actual Footage Location of Well: 1530 feet from the south line and 2490 feet from the east line					
Ground Level Elev. 4073.2'	Producing Formation		Pool		Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

May 7, 1983

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No.

John W. West, NM L.S. 676

