

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

By SPQ



NSL - 1816

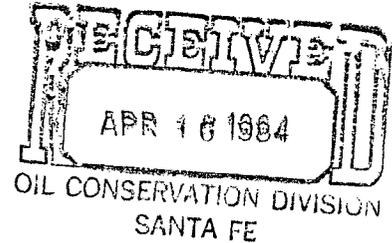
RULE 104 FI

RELEASE MAY 6, 1984

April 12, 1984

FEE

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



Dear Mr. Ramey:

RE: Unorthodox Location  
Seven Rivers Queen Unit No. 62  
Lea County, New Mexico

~~EUNICE SOUTH POOL~~

**SOUTH EUNICE SEVEN RIVERS QUEEN**

POOL

ARCO Oil and Gas Company respectfully requests administrative approval to drill its Seven Rivers Queen Unit No. 62, a producing well in an active waterflooding unit, at an unorthodox location of 1555' FSL and 2480' FWL, Section 34, Township 22 South, Range 36 East, Lea County, New Mexico. The well is to be drilled to a TD of 3900' to test the Seven Rivers Queen formations. In ARCO's opinion completion of the well at the proposed location will provide an efficient production and injection pattern within a secondary recovery project. This well is expected to recover unswept oil by increasing the amount of floodable pay and by increasing the injection efficiency due to increased continuity. Offset operators have been notified of this request via certified mail. Attached is a plat showing the Seven Rivers Queen Unit and the proposed well's location.

NE/4 SW/4 OF

Very truly yours,

Craig L. Payken  
Area Engineer

CLP:RBM:sc  
Atts.

cc: New Mexico Oil Conservation Div.  
P. O. Box 1980  
Hobbs, New Mexico 88240

cc: Conoco Oil Company  
P. O. Box 460  
Hobbs, New Mexico 88240

cc: Sun Exploration and  
Production Company  
P. O. Box 1861  
Midland, Texas 79702

**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

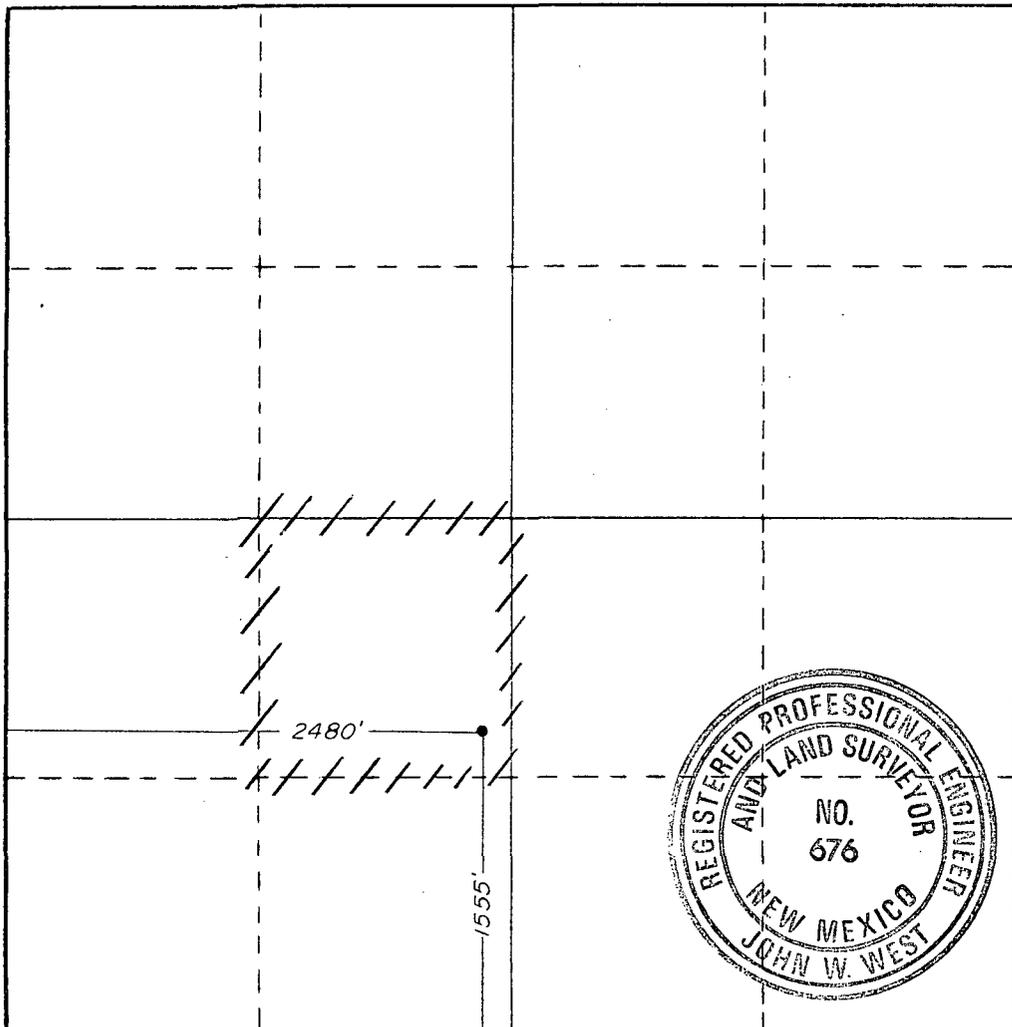
Operator <b>ARCO OIL &amp; GAS CORP.</b>		Lease <b>SEVEN RIVERS QUEEN UNIT</b>			Well No. <b>62</b>
Unit Letter <b>K</b>	Section <b>34</b>	Township <b>22 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1555</b> feet from the <b>SOUTH</b> line and <b>2480</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3499.3</b>	Producing Formation <b>SEVEN RIVERS QUEEN</b>		Pool <b>EUNICE SOUTH</b>	Dedicated Acreage: <b>40 ACRES</b> 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.*

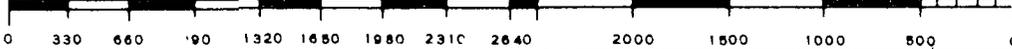
*Craig L. Payton*  
Name  
**AREA ENGINEER**  
Position  
**ARCO OIL AND GAS Co.**  
Company  
**12 APRIL, 1984**  
Date

*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.*

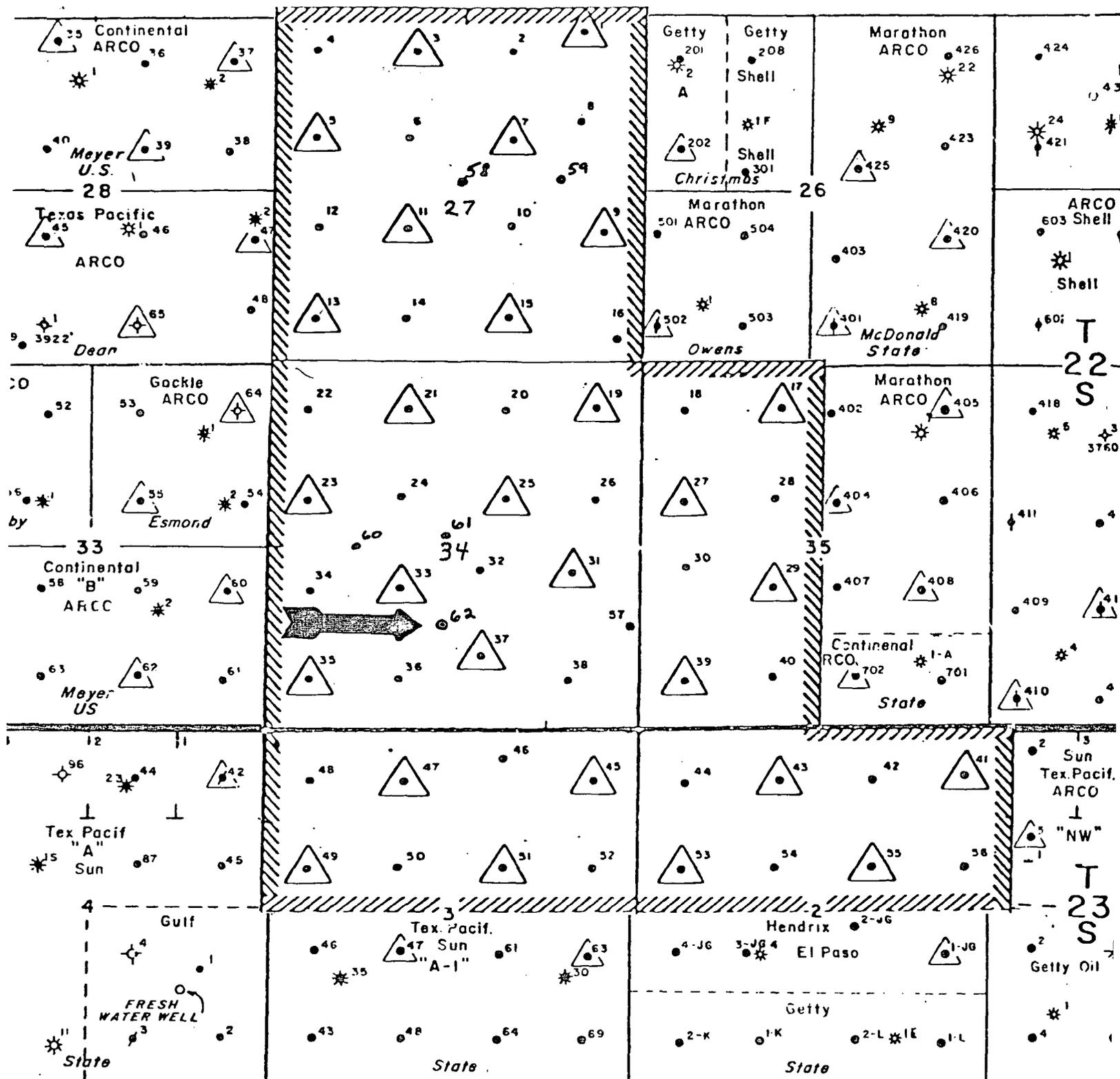
Date Surveyed  
**APRIL 6, 1984**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**



R 36 E



R 36 E

UNIT BOUNDARY

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

SEVEN RIVERS-QUEEN UNIT  
 LEA COUNTY, NEW MEXICO

UNIT MAP

Figure 2

SCALE 1" = 2000'

Dr. R. CRAIG	Drawn By	Date 4-81
Date 2-82	Checked By	Date
Drawn By WEST AREA ENGR.	Drawn By	Date