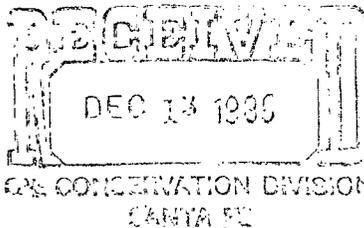


Release Immediately  
Urgent in!

ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0363

Stephen G. Suellentrop  
District Engineer



B, DEC

December 6, 1985

NSL-2214  
RULE-104F(1)

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

40 Acre dedication

NW 1/4 NE 1/4

Section 2

Langlie Mattix Pool

RE: Unorthodox Location  
Seven Rivers Queen Unit No. 71  
Lea County, New Mexico  
Langlie Mattix Field

Dear Mr. Stamets:

ARCO Oil and Gas Company respectfully requests administrative approval to drill its Seven Rivers Queen Unit No. 71, a proposed producing well in an active waterflooding unit, at an unorthodox location of 1310' FNL and 2480' FEL, Section 2, Township 23 South, Range 36 East, Lea County. The well is to be drilled to a TD of 3870' 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.

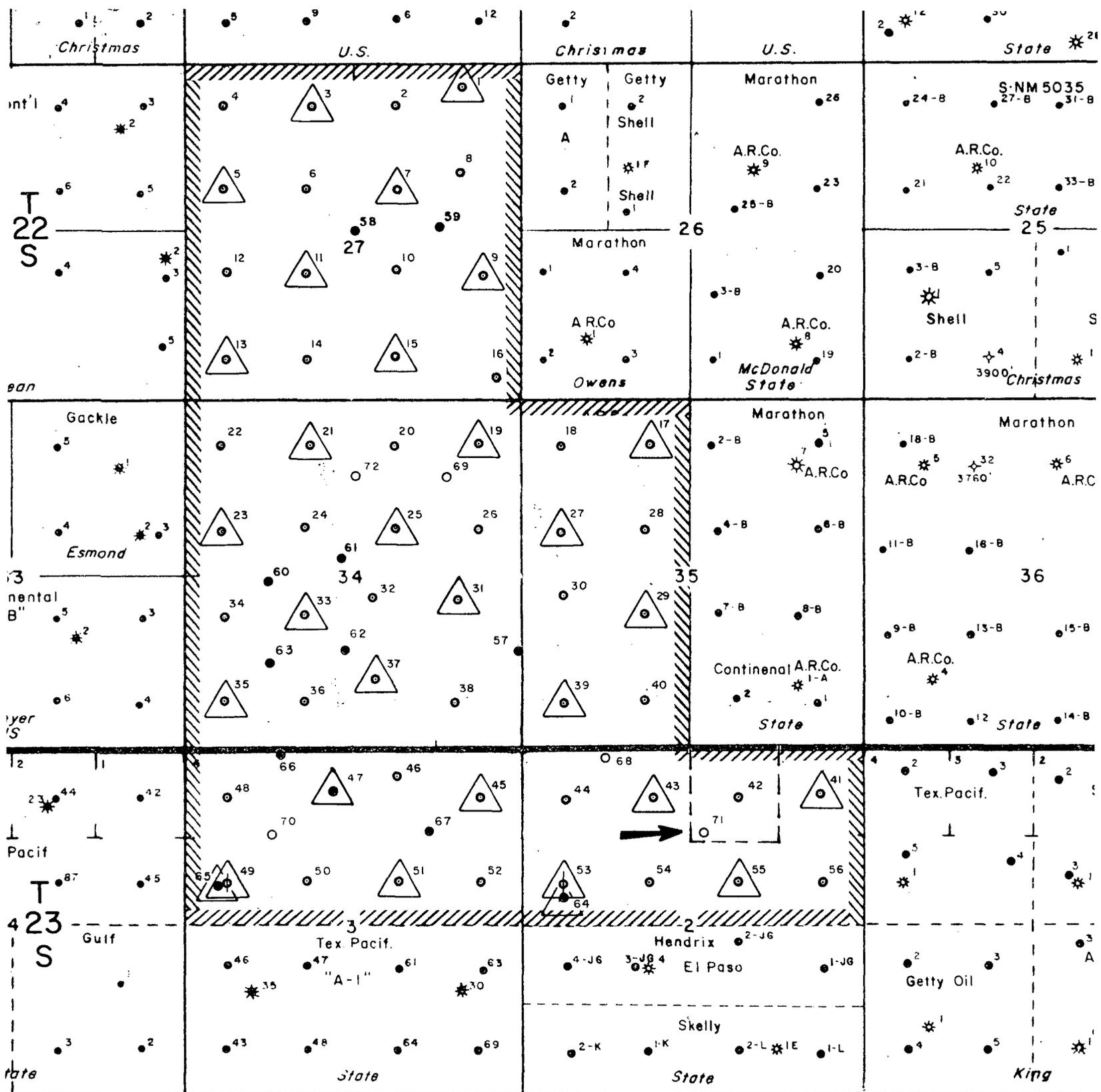
Very truly yours,

S. G. Suellentrop  
District Engineer

SGS:CWE:tis  
Attachment

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

Marathon Oil Company  
P. O. Box 2409  
Hobbs, New Mexico 88240



R 36 E

**ARCO Oil and Gas Company**   
 Division of AtlanticRichfield Company  
 Permian District Midland, Texas

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**SEVEN RIVERS-QUEEN UNIT**  
 LEA COUNTY, NEW MEXICO

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SCALE: 1" = 2000'

By C. ELLIS	Drawn By	Date 7 - 85
Date 7 - 85	Revised By E. DAVIS	Date 12 - 85
Dept. WEST AREA ENGR.	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.

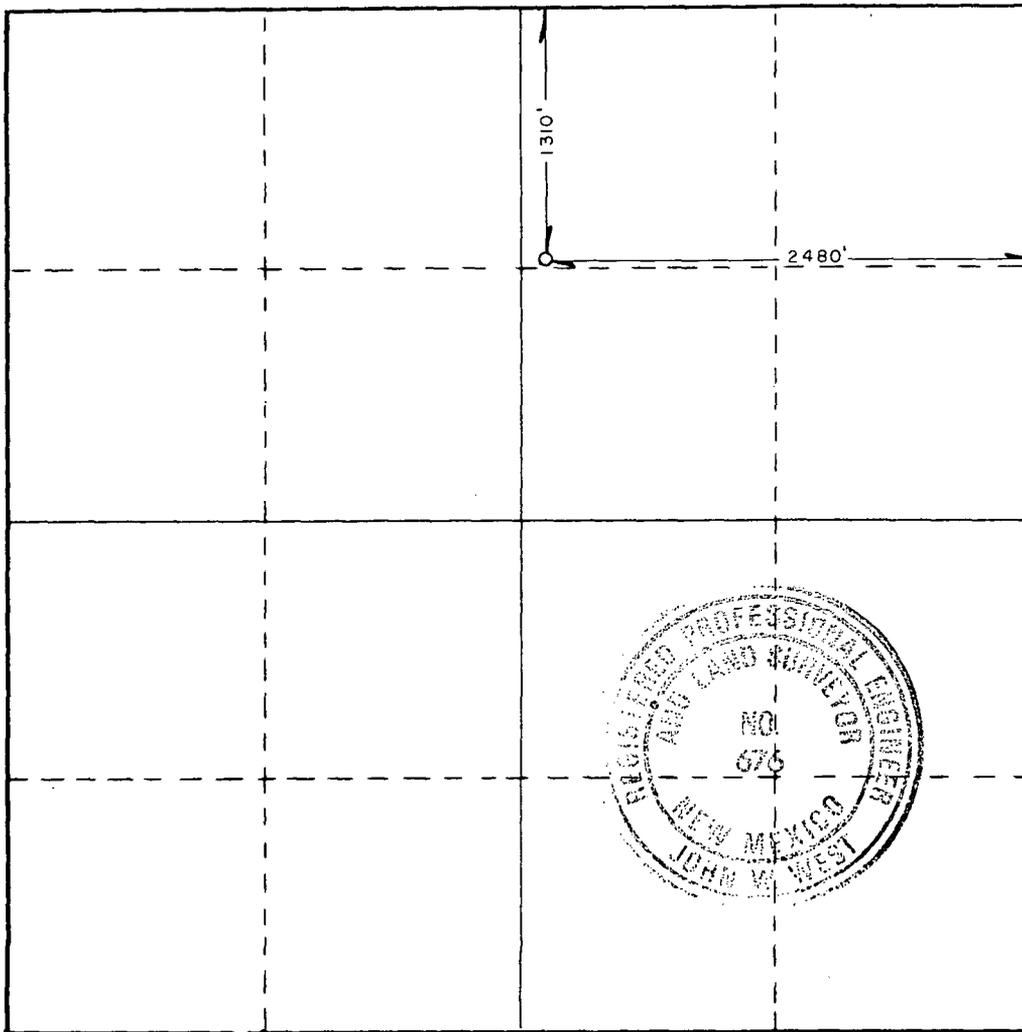
Operator ARCO OIL & GAS COMPANY		Lease SEVEN RIVERS QUEEN UNIT		Well No. 71
Unit Letter B	Section 2	Township 23 SOUTH	Range 36 EAST	County LEA
Actual Footage Location of Well: 1310 feet from the NORTH line and 2480 feet from the EAST line				
Ground Level Elev. 3463.5'	Producing Formation Seven Rivers/ Queen	Pool Langlie Mattix	Dedicated Acreage: 40.0 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 Unitization

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.

*Cindy W. Ellis*

Name  
Cindy W. Ellis

Position  
Engineer

Company  
ARCO Oil & Gas Co.

Date  
December 6, 1985

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  
DECEMBER 2, 1985

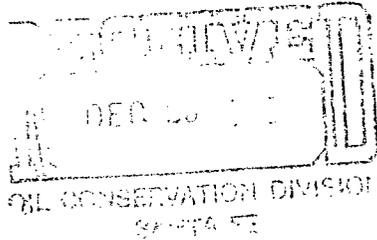
Registered Professional Engineer  
and/or Land Surveyor

*John W. West*

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

ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0363

Stephen G. Suellentrop  
District Engineer



CERTIFIED RETURN RECEIPT REQUESTED

December 6, 1985

Marathon Oil Company  
P.O. Box 2409  
Hobbs, New Mexico 88240

Attached is a copy of ARCO Oil and Gas Company's Application for Administrative Approval of Unorthodox Locations on our Seven Rivers Queen Units #69 and #71. These locations are necessary for infill drilling on 20 acre spacing. If you have no objection, please sign the waiver at the bottom of this letter and mail it to the New Mexico Oil Conservation Division in the attached envelope. Also, please return one copy to me. Thank you for your consideration.

Yours very truly,

Stephen G. Suellentrop  
District Engineer

SGS:CWE:tis

Attachment

WAIVER APPROVAL:

for Marathon Oil Company

12/16/85  
Date