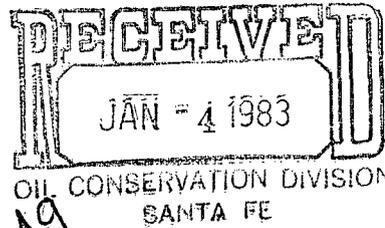


ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0149  
Jerry L. Tweed  
District Engineer



December 28, 1982

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

*NSL 1649  
Rule 104 F  
1-24-83*

Dear Sir:

Unorthodox Locations  
Seven-Rivers Queen Unit  
Wells Nos. 58, 59, 60, and 61

*South Carnice - Queen Pool  
Seven Rivers*

ARCO Oil and Gas Company as operator of the Seven-Rivers Queen Unit respectfully requests administrative approval to drill four infill producing wells, Nos. 58, 59, 60, and 61, at unorthodox locations. The proposed locations are as follows:

- Seven Rivers Queen Unit*
- 58* SRQU No. 58 2615' FNL & 2615' FWL, 27-22S-36E, Lea Co.
  - 59* SRQU No. 59 2575' FNL & 1275' FEL, 27-22S-26E, Lea Co.
  - 60* SRQU No. 60 2605' FSL & 1280' FWL, 34-22S-36E, Lea Co.
  - 61* SRQU No. 61 2440' FNL & 2435' FWL, 34-22S-36E, Lea Co.

These wells will be drilled to a depth of 3900' to test the Seven-Rivers and Queen formations in the unitized interval of the Seven-Rivers Queen Unit. In ARCO's opinion completion of the wells at the proposed locations will provide efficient production and injection patterns in a secondary recovery project. Copies of this application and a request for a waiver of protest have been furnished the offset operators by registered mail.

Attached for your information is a map showing the proposed locations and offset operators to the infill proration units. If you have any questions or require additional information, please contact me at (915) 684-0157.

Yours very truly,

Robert E. Craig  
Engineer

REC:dkb  
Atts.

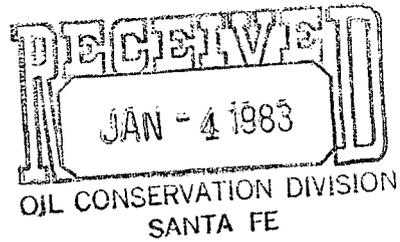
Xc: (w/att.) NMOCD - Hobbs office  
Offset Operators - see attached list

OFFSET OPERATORS  
ARCO's Seven-Rivers Queen Unit  
Infill Wells Nos. 58, 59, 60 and 61

Conoco, Inc.  
P. O. Box 460  
Hobbs, New Mexico 88240

Marathon  
P. O. Box 552  
Midland, Texas 79702

**ARCO Oil and Gas Company**  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0149  
**Jerry L. Tweed**  
District Engineer



December 28, 1982

OFFSET OPERATORS  
Infill Wells Nos. 58, 59, 60, and 61  
ARCO's Seven-Rivers Queen Unit  
Sections 27 and 34, T22S, R36E  
Lea County, New Mexico

Gentlemen:

Waiver of Objection  
Unorthodox Locations

By copy of our application to the New Mexico Oil Conservation Division, ARCO is hereby notifying you as offset operator to our Seven-Rivers Queen Unit that we have requested approval to drill four infill producing wells, Nos. 58, 59, 60, and 61, at unorthodox locations. If you have no objection to this, we would appreciate your signing this waiver of protest. Please send one copy to the NMOCD, one copy to ARCO, and retain one for your files. Stamped, self-addressed envelopes are enclosed for your convenience.

Your early consideration of this matter would be appreciated. If you have any questions concerning this, please contact me at (915) 684-0157.

Very truly yours,

A handwritten signature in cursive script that reads "Robert E. Craig".

Robert E. Craig  
Engineer

REC:dkb  
Atts.

I waive protest to ARCO's application for unorthodox well locations for their Seven-Rivers Queen Unit Wells Nos. 58, 59, 60, and 61.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Date: \_\_\_\_\_



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Arco Oil & Gas Co.  
Permian District  
P.O. Box 1610  
Midland, Texas 79702

Attn: Jerry L. Tweed

Re: Application for Non-Standard  
Location: SRQ Unit Wells No. \_\_\_\_\_  
50, 59, 60, and 61, South Eunice  
Seven Rivers-Queen Pool, Lea County, NM

We may not process the subject application for non-standard location until the required information or plats checked below (is)(are) submitted.

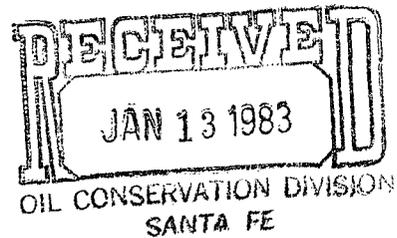
- A plat must be submitted clearly showing the ownership of the offsetting leases.
- A statement must be submitted that offset owners have been notified of the application by certified mail.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- Other: An original signed copy of the application cover letter must be submitted.

Very truly yours

R. L. STAMETS  
Technical Support Chief

RLS/dr

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



December 23, 1982

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

Dear Sir:

Unorthodox Location  
Seven-Rivers Queen Unit  
Wells Nos. 58, 59, 60 and 61

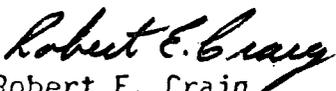
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SRQU No. 59 2575' FNL & 1276' FEL, 27-22S-36E, Lea Co..  
SRQU No. 60 2605' FSL & 1280' FWL, 34-22S,36E, Lea Co..  
SRQU No. 61 2440' FNL & 2435' FWL, 34-22S-36E, Lea Co..

These wells will be drilled to a depth of 3875' to test the Seven-Rivers and Queen formations in the unitized interval of the Seven-Rivers Queen Unit. In ARCO's opinion completion of the wells at the proposed locations will provide efficient production and injection patterns in a secondary recovery project. Copies of this application and a request for a waiver of protest have been furnished the offset operators by registered mail.

Attached for your information is a plat showing the proposed locations and offset operators to the infill proration units. If you have any questions or require additional information, please contact me at (915) 684-0157.

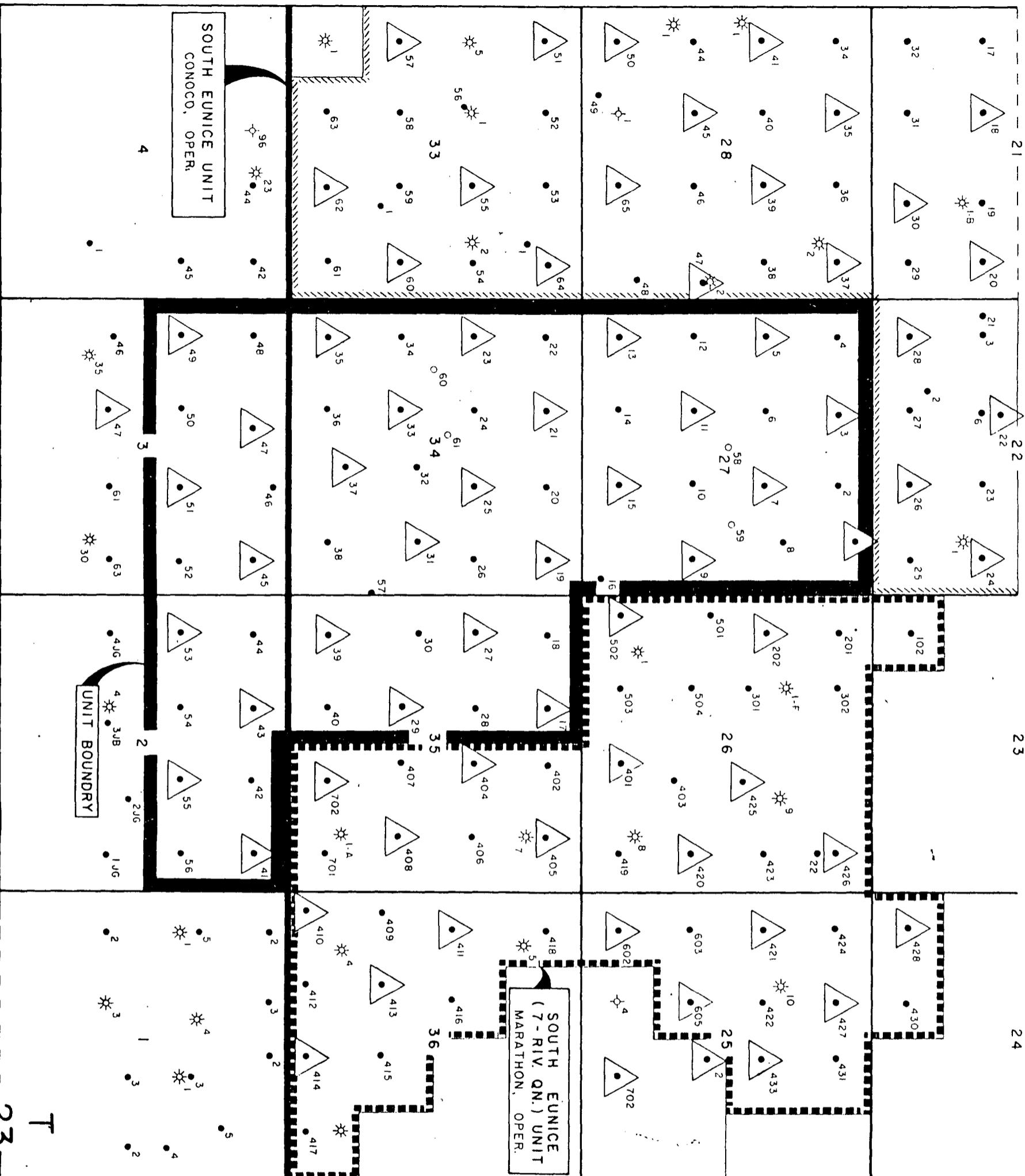
Yours very truly,

  
Robert E. Craig  
Engineer

REC:dmm  
Atts.

Xc: (w/att.) NMOCD - Hobbs office  
Offset Operators - see attached list

R 36 E



T  
S

T  
S

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

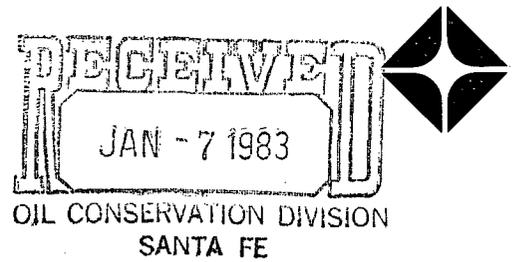
**SEVEN RIVERS-QUEEN UNIT**  
 Leo County, New Mexico

Scale: 1" = 2000'

Dr. Robert Craig Date 12/82  
 Drawn By R.C.T. Date 12-23-82  
 Revised By. Date

Dept. West Perm

ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0149  
Jerry L. Tweed  
District Engineer



December 28, 1982

OFFSET OPERATORS  
Infill Wells Nos. 58, 59, 60, and 61  
ARCO's Seven-Rivers Queen Unit  
Sections 27 and 34, T22S, R36E  
Lea County, New Mexico

Gentlemen:

Waiver of Objection  
Unorthodox Locations

By copy of our application to the New Mexico Oil Conservation Division, ARCO is hereby notifying you as offset operator to our Seven-Rivers Queen Unit that we have requested approval to drill four infill producing wells, Nos. 58, 59, 60, and 61, at unorthodox locations. If you have no objection to this, we would appreciate your signing this waiver of protest. Please send one copy to the NMOCD, one copy to ARCO, and retain one for your files. Stamped, self-addressed envelopes are enclosed for your convenience.

Your early consideration of this matter would be appreciated. If you have any questions concerning this, please contact me at (915) 684-0157.

Very truly yours,

*Robert E. Craig*  
Robert E. Craig  
Engineer

*Waiver*

REC:dkb  
Atts.

I waive protest to ARCO's application for unorthodox well locations for their Seven-Rivers Queen Unit Wells Nos. 58, 59, 60, and 61.

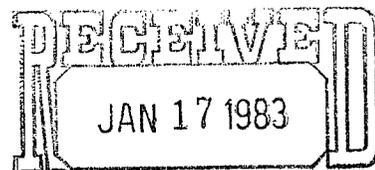
Name: *Clyde A. Miller*  
Title: *DISTRICT ENGR*  
Company: *MARATHON OIL*  
Date: *1-4-83*



Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

NSL  
1649

Conoco Inc.  
P. O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141



OIL CONSERVATION DIVISION  
SANTA FE

January 7, 1983

New Mexico Oil Conservation Division  
Department of Energy and Minerals  
P. O. Box 2088  
Santa Fe, NM 87501

Attention: M. Stogner

Unorthodox locations, Arco's Seven-Rivers Queen Unit, Lea County,  
New Mexico

Conoco Inc., as offset operator, has approved Arco's subject application.  
One copy of their waiver letter is attached for your file.

Yours very truly,

HAI:mhe

CC: Arco, File

ARCO Oil and Gas Company  
 Permian District  
 Post Office Box 1610  
 Midland, Texas 79702  
 Telephone 915 684 0149  
 Jerry L. Tweed  
 District Engineer



December 28, 1982

OFFSET OPERATORS  
 Infill Wells Nos. 58, 59, 60, and 61  
 ARCO's Seven-Rivers Queen Unit  
 Sections 27 and 34, T22S, R36E  
 Lea County, New Mexico

Gentlemen:

Waiver of Objection  
Unorthodox Locations

RECEIVED HOEBS DIVISION			
JAN 03 '83			
	Date	Initials	H. e.
Div. Manager			
Asst. Div. Man'gr			
Div. Off. Mgr.		MZ	
Div. Engr.			
Dir. Supv.			
Sup. Supv.			
Cons'v. Coord.			1
Training Coord.			
Adm. Supv.-APN			
Adm. Supv.-S.S.			
Sup. Prod. Eng.			
Sup. Resv. Eng.			
Prod. Supt. - H.			
Prod. Supt. - F.			

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Very truly yours,

*Robert E. Craig*

Robert E. Craig  
 Engineer

REC:dkb  
 Atts.

I waive protest to ARCO's application for unorthodox well locations for their Seven-Rivers Queen Unit Wells Nos. 58, 59, 60, and 61.

Name: *MR Masley*

Title: DIVISION MANAGER

Company: CONOCO INC.

Date: JANUARY 10, 1983

