

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

50-025-98683

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name Seven Rivers Queen Unit
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Seven Rivers Queen Unit
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 62
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Eunice Seven Rivers QnS
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1555</u> FEET FROM THE <u>South</u> LINE AND <u>2480</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>34</u> TWP. <u>22S</u> RGE. <u>36E</u> NMPM		12. County Lea
19. Proposed Depth 3900'		19A. Formation 7Rivers Qn
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, KT, etc.) 3499.3' GR	21A. Kind & Status Plug. Bond GCA #8	22. Approx. Date Work will start 5/15/84

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-3/8" OD	54.5#	30'	2 1/2 yds Redi-mix	Surf
11"	8-5/8" OD	24#	300'	175 sx	Circ to surf
7-7/8"	5 1/2" OD	15.5#	3900'	725 sx	Circ to surf

Propose to drill an infill producer in order to recover additional reserves and enhance injection efficiency.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11/15/84
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

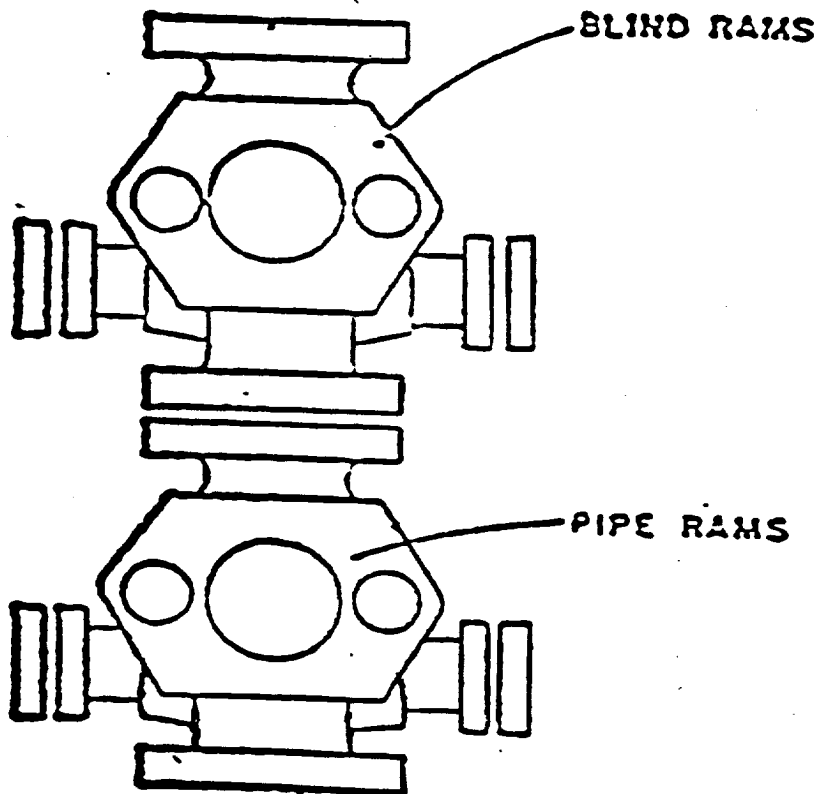
Signed [Signature] Title Drlg. Engr. Date 4/10/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE MAY 15 1984

CONDITIONS OF APPROVAL, IF ANY:



ARCO Oil & Gas Company

Division of Atlantic Richfield Company

Blow Out Preventer Program

Lease Name Seven Rivers Queen Unit

Well No. 62

Location 1555' FSL & 2480' FWL
Sec 34-22S-36E, Lea County

BOP to be tested when installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

RECEIVED
APR 12 1984
O.C.D.
HOBBS OFFICE

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-101
Supersedes C-128
Effective 10-65

All distances must be from the outer boundaries of the Section

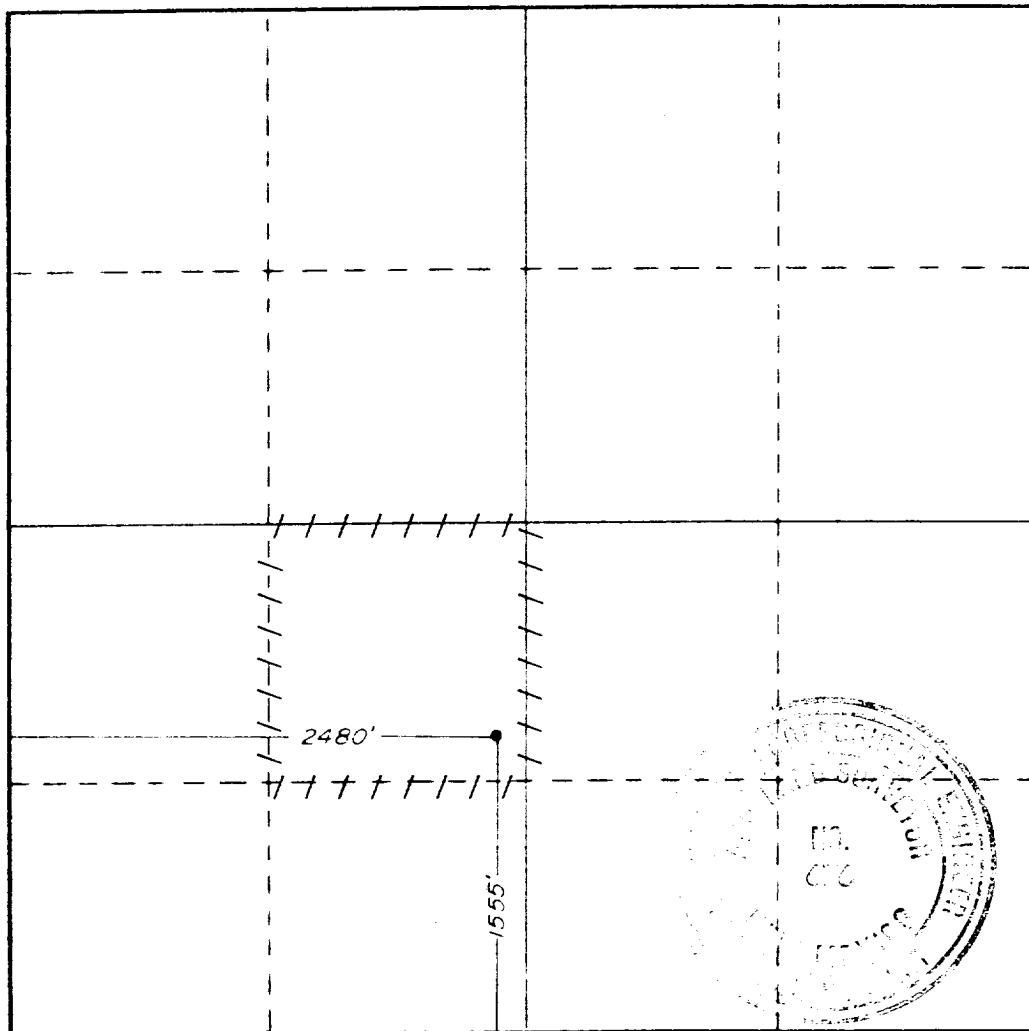
Operator Div. of Atlantic Richfield Co. ARCO OIL & GAS Company			Lease SEVEN RIVERS QUEEN UNIT		Acres 62
Tract Letter K	Section 34	Township 22 SOUTH	Range 36 EAST	County LEA	
Actual Well Location of Well:					
1555	feet from the SOUTH	line and	2480	feet from the WEST	
Ground Level Elev. 3499.3	Producing Formation Seven Rivers Queen		Pool Eunice, South	Estimated Acreage 40	

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.

Ronald E. Ballinger
Drlg. Engr.

Company **ARCO Oil and Gas Co.
Div. of Atlantic Richfield Co.**

Date **4/10/84**

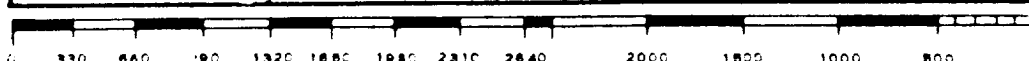
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **APRIL 6, 1984**

Registered Professional Engineer and 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 0100



April 12, 1984

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

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.

Very truly yours,

Craig L. Payken
Area Engineer

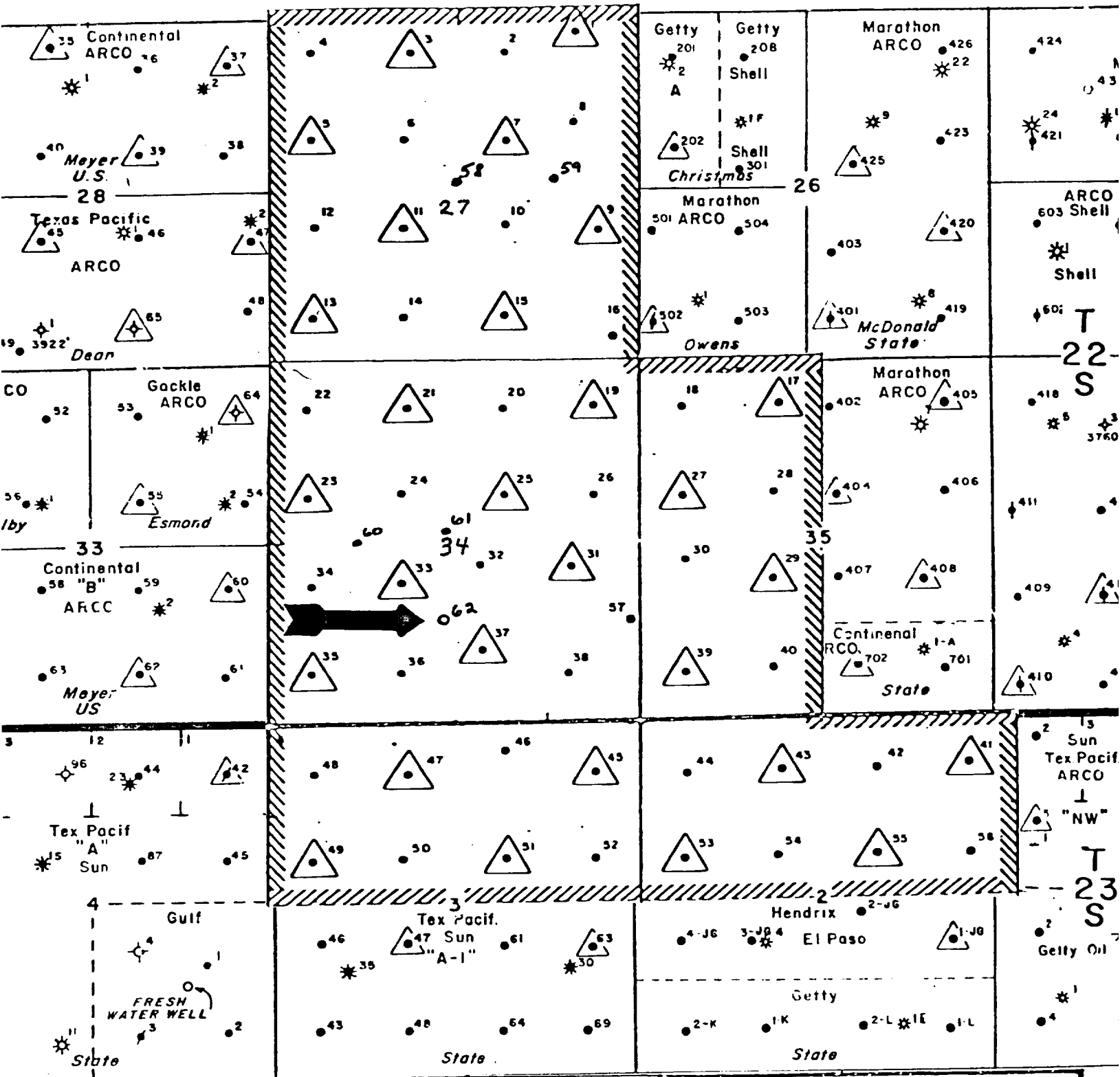
CLP:RBM:sc
Atts.

✓ 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

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'

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11
Supersedes O-10
12-1-77

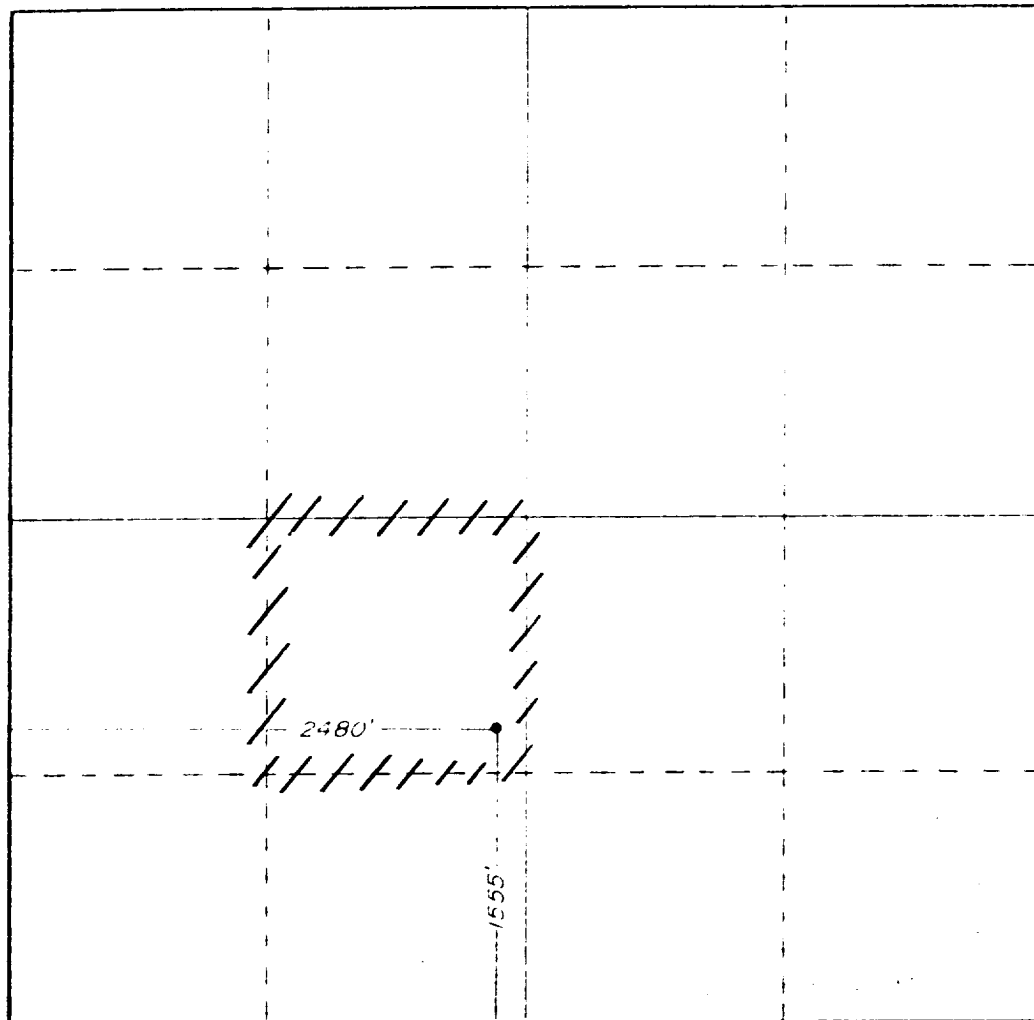
ARCO OIL & GAS CORP.		SEVEN RIVERS QUEEN UNIT		62
Section	Range	Tract	Block	Lease
K	34	22 SOUTH	36 EAST	LEA
Approximate Location of Well				
1555	feet from the	SOUTH	line and	2480
feet from the				WEST
Ground Level Elev.	Producing Formation		Estimated Acreage	
3499.3	SEVEN RIVERS QUEEN		EUNICE SOUTH	
			40 ACRES	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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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
AREA ENGINEER
ARCO OIL AND GAS CO.
12 APRIL, 1984

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 to	
and/or interest	
<i>John H. Whit</i>	
Certificate No.	676
RENAULT, E. OSCAR, 3/23/84	

