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EN	VIL CONSERVATION DIVISION						Form C-1 Revised				
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114.	Type of Work									-	
		DRILL X		DEEPEN			PLUG				Queen Unit
ь.	Type of Well				·				8. Farm o	r Lease Na	ne
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	Vanie of Operator	ARCO O	il and G	as Company					9. Well N	10.	
	Division o			ield Company					62		
	ddress of Operat								10. Field	and Pool, a	or Wildcat
	-		hha New	Mexico 88240							Rivers QnS
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$\sim$		111111	11111		71111	3900'		7Rivers		Rot	
11.	Elevations (Show	whether DF,	KT, etc.)	21A. Kind & Stotus P	lug. Bond	21B. Drilling C	Contractor		22. App	rox. Date W	ork will start
	3499.3' GR GCA #8 Not selected				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 <sup>1</sup> / <sub>2</sub> "	13-3/8" OD	54,5#	30'	2 <sup>1</sup> / <sub>2</sub> yds Redi-mix	Surf
	8-5/8" OD	24#	300'	175 sx	Circ to surf
7-7/8"	5 <sup>1</sup> <sub>2</sub> " 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 DAY PERMIT EXPIRES 1115/84 UNLESS DRILLING UNDERWAY	'S
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N: 1.1.16

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO BEEPEN OF PLUS BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROD TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.								
I hereby certify that the information above to thue and complete to	Drla Enar	Date 4/10/84						
Signed Title (This space for State UP) ORIGINAL SIGNED BY JEARY SEXTON								
DISTRICT I SUPERVISOR	•	MAY 15198 <b>4</b>						

CONDITIONS OF APPROVAL, IF ANYI



ARCO Oil & Gas Company Division of Atlantic Richfield Company

Blow Out Preventer Program

Lesse Name\_ Seven Rivers Queen Unit

Well No. 62

Location	<u>1555'</u> 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. Al wellhead fittings to be of sufficient pressure to operate in a safe manner.

APR 1 2 1984 MORES OFFICE

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## MEXICO OIL CONSERVATION COMMIS N WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-101 Supersedes C-128 Ette tive 1-1-65

	distances mus be from th	e ouver boundaries of the	Section	
ARCO OIL & GAS Compan		SEVEN RIVERS	G QUEEN UNIT	62
K Section Towns K 34	22 SOUTH	fimge 36 EAST	LEA	
(1) for faue Location of Well:		24.00		
1555 teer from the SOUTH and Level Flex. Producing Formation	Line and Food	2480 test fr	nn the WEST	uter di sates Aliteri per
3499.3 Seven Rivers	Queen E	unice, South		40 Angel
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📄 Yes 📃 No – If answer	is "yes," type of cor	solidation		
If answer is "no?" list the owners	and tract description	ons which have actu	ally been consolidate	1 (I se reveres eide
this form if necessary.)				
No allowable will be assigned to t				
forced-pooling, or otherwise) or unt	il a non-standard uni	t, eliminating such i	interests, has been ap	proved by the Commis
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		l	DIV. OF At	lantic Richfield
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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 35 Continental Getty Getty Marathon ●<sup>208</sup> ARCO .426 424 **↓**<sup>37</sup> **★**<sup>2</sup> 20i ARCO .6 \*22 Shell **\***' Α 415 \*\* •<sup>423</sup> ₹42I **2**02 •<sup>38</sup> • Moyer Lo 37 Shell **•** 425 Christmos U.S. , - 26 - 28 ARCO Marathon 501 ARCO 504 Texas Pacific 603 Shell 12 420 • 辩 🖥 46 •<sup>403</sup> • 奖 ARCO Shell +<sup>60;</sup> T McDonald **5**03 2 2 OZ 19 3922' Dean 6 /+ Owens 22-Marathon S Gockle ARCO co 20 22 /•\` ARCO 402 • 52 53 • ⁄�∖ 4<sup>3</sup> 3760 26 23 406 404 • • . 411 Esmond 6 lby 34 • 30 33 31 • Continental 407 408 ●<sup>58</sup> "B" • • 🔪 •59 409 ARCC 57 62 Continenal 1-A RCO. 40 39 702 -701 •6' <u>`-/</u> /•` 63 410 • State Moye; US 777777 h 12 Sun ф<sup>96</sup> Tex Pacif 45 • ( A 2 • ARCO 23, 1 T `•` Tex Pacif 15 "A" 52 Sun //////.3/// Hendrix S Gulf Tex Pacif. **▲1-J**0 47 Sun 沒4 \*30 El Paso Getty Oil  $\Lambda = 1$ 35 0 Getty FRESH e<sup>64</sup> ●<sup>t·K</sup> ●<sup>2-L</sup> 🔆<sup>1</sup> 🖡 e<sup>69</sup> \* State State . State ARCO Oil and Gas Company  $\diamond$ 36 R E Permian District Midland, Texas SEVEN RIVERS-QUEEN UNIT ///////// UNIT BOUNDARY . LEA COUNTY, NEW MEXICO UNIT MAP 2 Figure 3 C A L E + 1" + 2 0 0 0 0.4 4 . 81 R CRAIG 2 - 8 2 AREA ENGR WEST

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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