COUNTY LEA FIELD	© Cappinghied Reproduction Prohis				
PR ARCO OIL & GAS CO.				NPI 30-02	5-25070
20 4 LEASE Andrews, Dut	hie "WN" Com			AAP	
Sec 19, T23S, R37E				O-ORD	
660 FNL, 1980 FEL of	Sec			11-	1-30 NM
9 mi SW/Eunice	RESP	□12-30-	80	12.4	8-81
rsc	WELL CLASS: IN			LSE. CODE	
8 5/8-418-300 sx	FORMATION	DATUM	T	RMATION	DATUM
4 <b>1/2-3700-3</b> 50 sx		<b></b>	1	1	
2 3/8-3646			1		
			+		
	TD 3700 (Q1	UEN)	PBD	3695	
IP (Queen) Perfs 3386-368 hr test. GOR 20,428; gty	4 P 7 BOPD +			based of	on 24
• .					
CONTR	OPRSELEV 3328 (	GL		sub-	

F.R.C. 11-7-81 OWWO
PD 3695 WO (Queen)
(Orig. Atlantic Richfield Co. #4 Andrews, Duthie
"WN" Com. cmp 11-27-75 thru (Queen) Perfs
3463-3606, OTD 3700, OPB 3673)
TD 3700; PBD 3695; Complete
DO to 3695
Perf (Queen) @ 3386, 3390, 3394, 3398, 3436, 3440,
3446, 3452, 3456, 3483, 3487, 3561, 3566, 3570,
3575, 3583, 3588, 3618, 3621, 3630, 3634, 3638,
3642, 3648, 3652, 3656, 3660, 3666, 3679, 3684
Acid (3386-3684) 18,000 gals
Frac (3386-3684) 18,000 gals gel + 15,000
gals CO2 + 57,000# sd
COMPLETION ISSUED

11-1-30 NM IC 30-025-70606-81

11-2-81

11-7-81

UNTY         LEA         PELD         District and the state of the stat	- ک	COSPONATION 4 Sector of Conf. Robins Company	Tanolie	Marti	x	STATE NM	ted Reproduction Prohibited
AttAviite Rith in the cost       Sec 19, 1-23-5, R-37-E       MAP         660' FNL, 1980' FEL of Sec       00000         9 mi S & 1 mi W/Eunice       ELEV       Last         8-3-75       II-27-75       WELL CLASS:       IMT.       D       FIN       DC         9 mi S & 1 mi W/Eunice       ELEV       Last       FORMATION       DATUM       FORMATION       DATUM         8 5/8" at 418' w/300 sx       4 1/2" at 3700' w/350 sx       Imt.       D       FIN       D         9 mi S 3700' w/350 sx       Imt.       9 mi S 3700' w/350 sx       Imt.       Imt.       D       FORMATION       DATUM	NUNTY			1146 55		30-0	25-25070
SEC 19, 1-23-5, R-37-E       660' FNL, 1980' FEL of Sec     coord       9 mi S & 1 mi W/Eunice     ELEV       8-3-75     CLE       9 mi S & 1 mi W/Eunice     ELEV       8 5/8" at 418' w/300 sx     FORMATION       4 5/2" at 3700' w/350 sx     Imm       9 mi S & 1 mi W/Eunice     ELEV       9 mi S & 1 mi W/Eunice     Imm       9 mi S & 1 mi W/Eunice     Imm       9 mi S & 1 mi W/Eunice     Imm       9 mi S & 2 mi All S w/300 sx     Imm       9 mi S & 2 mi All S w/300 sx     Imm       9 mi S & 3700' w/350 sx     Imm       9 mi S & 3700' (OUEN)     PB0 3673'	9 <b>R</b>	ATTAVITC RICHFIELD C	Duthie W	Cem.		1.0	
660' FNL, 1980' FEL of Sec       coord         9 mi S & 1 mi W/Eunice       ELEV         8-3-75       IL-27-75         8-3-75       IL-27-75         8-3-75       IL-27-75         8-3-75       IL-27-75         9 mi S & 1 mi W/Eunice       ELEV         11-27-75       VELICLASS: INT. D         8 5/8" at 418' w/300 sx       Int.         4 5/2" at 3700' w/350 sx       Int.         9 mi S & 1 mi W/Eunice       ELEV         10 mi W/Eunice       ILI         9 mi S & 1 mi W/Eunice       ILI         10 mi W/Eunice       ILI         11 mi W/Eunice       ILI         10 mi W/Eunice       ILI         11 mi W/Eunice       ILI         10 mi W/Eunice       ILI         10 mi W/Eunice       ILI         10 mi W/Eunice       ILI         10 mi W/Eunice <td< td=""><td><u>.</u></td><td><math display="block">4 \qquad \text{LEASE} \qquad \text{AllqLews}_{9}</math></td><td>Then the</td><td></td><td></td><td></td><td></td></td<>	<u>.</u>	$4 \qquad \text{LEASE} \qquad \text{AllqLews}_{9}$	Then the				
9 mi \$ % 1 mi W/Eumice     ELEV     La       0     8-3-75     11-27-75     WELL CLASS: INT.     D     FIN     DG       36     FORMATION     DATUM     FORMATION     DATUM       8 5/8" at 418' w/300 sx		Sec 19, 1-23-3, R-3,	of Sec				
8-3-75     L1-27-75     WELL CLASS:     INT.     D     FIN     D(C       8     5/8" at 418' w/300 5x     FORMATION     DATUM     FORMATION     DATUM       8     5/8" at 418' w/300 5x     -     -     -     -       4     5/2" at 3700' w/350 5x     -     -     -     -       TP     3700' (QUEN)     PB0     3673'		bbu FNL, 1900 FEL	01 960				Las
PD     FORMATION     DATUM     FORMATION     DATUM       8 5/8" at 418' w/300 5x		2 2 20 11 21	75		p	DC	
8 5/8" at 418' w/300 sx 4 3/2" at 3700' w/350 sx " 3700' (QUEN) Peo 3673'	SPD CSG				DATUM	T	DATUM
4 372" at 3700' w/350 sx		5/8" or 418' w/300 55	< }				
™ 3700' (QUEN) PB0 3673'							
		112 ac 3100 wr222					
					+		
				001 (	OFENS	PB0 3673!	
				$\frac{00}{7}$	<u>Quan</u>	ALC: NOT THE REAL PROPERTY OF	a. Por
	b.	a-clov 24 hr test th	ru 48/64"	cnK.	(J)K 13	ىدەر ۋرررور	6 <b>3</b> 3 6 6 9
$b_{a-c}$ ] co 24 hr test thru 48/64" cbk. COR 192.533; Gtav 38.6;		P Pkr; IP 80#					

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		- K 27-15 P	*0 {/{}{}	K L
	OPR'S ELEV 3328			
1 A 19	1140			

i=31~76 8-4=75 8-11-75 8-18=75	<pre>F.R. 7-21-75 (Seven Rivers) AMEND FIELD NAME: Formerly reported as Jalman Drlg 925' TD 3700'; MORT ID 3700'; PED 3673'; Swbd Ld</pre>
8-2675	<pre>Perf (Yates) @ 2895', 2900', 2905', 2910', 293), 2920', 2925', 2930', 2940', 2945', 2950', 3020', 3025', 3030', 3035' w/l SPI Acid (2895-3035') 1500 gals Swbd 10 ELW in 1 hr (2895-3035') Acid (2895-3035') 2500 gals ID 3700'; EbD 3673'; SI Subd 1/2 B(W in 4 hr + (2895-3035')</pre>
	Swbd $172$ HW 111 Frac (2895-3035') 20,000 gal- wtr + 40,000# sd Swbd dry (2895-3035') 1-5-17 NM

IEA ATLANTIC	RICHFIELD CO.	Langlie Mattix 4 Andrews, Duthie WN Com. Sec 19, T238, R37E	NM Page #2
**************************************	TD 3700';	PBD 3673'; Prep IO Pmp PBD 3673'; SI in 24 hrs (2895-3035')	
9-15-75		PED 3673'; SI	
9-29-75		PBD 3673'; SI	
l <u>1</u> = <u>1</u> 0 ∞ 75		PBD 3673', Prep Sqze	
17-75		PED 3673 Prep Swab	
	•	-3035' w/100 ax	
	DO to 3672		
		en)@3463',3467',3492',3	
		L1', 3514', 3517', 3520', 35	523 <b>'</b> 。
		)3', 3606' w/l SPI	
		3-3606') 1500 gals	
	Frac (3463	3-3606') 15,000 gals wtr + 3	37,500# sd
ang a sa sa kanalagin sana ang sa sa sa tanang minang kana		1-5-17 NM	

. .

	• 1.1 State sum alles
12-1-75	TD 3700'; PBD 3673'; D Repairs
	F1wd 574 MCFGPD + 3 B() + 3 BW thru 48/64"
	chk, TP 80# (3463-3606')
12-8-75	TD 3700'; PBD 3673'; WO OCC Pot
1-26-76	TD 3700'; PBD 3673'; Complete
	LOG TOPS: Rustler 1172', Salt 1270', Base
	Salt 2167', Yates 2756', Queen 3433'
1-31-76	COMPLETION ISSUED

1-5-17 NM

Submit to Appropriate District Office State L. Se - 4 copies Fee Less. - 3 copies

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

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DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals, and Natural Resources Department

Form 2 -1-89 Revise.

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PL
---

#### All Distances must be from the outer boundaries of the section

				Distan									I MULTINE.	
Operator ARCO Oil and (	Gas Cor	npany					DUTHIE ANDREWS WN COM						Well No. 4	
Unit Letter	Secti	ion	Townsh	ip			Range					County		
В	19		<b>23</b> S				37E			N	(IPM	LEA		
Actual Footage Los	cation o	f Well:	- · · · ·											
660	feet fr	om the NORT	Ή			line and	1980			feet	from	the EAST	line	
Ground level Elev.		Producing	Formati	on			Pool		·				Dedicated A	creage:
3327.6		YATES SEV	VEN RI	VERS			JALI	MAT G	AS A	NSIL			320	Acres
		one lease is de									s to 1	working intere	st and royalty	).
3. If m	ore than	one lease of di	ifferent o											
		force-pooling,		16 .		1		alidation	. COMM	UNITIZAT	TON	I		
X If answe	Yes	list the owner	No	II al ct descr	nswer intion	is "yes" types types which have	pe or cons ve actually	v been co	nsolidated	. (Use rever	se si	de of	<u></u>	
this form	n if naci												<del></del>	
No allov or until	wable w a non-si	ill be assigned t andard unit, eli	to the we iminating	ll until a such in	ull inte terest,	rests have , has been s	been cons pproved	olidated by the D	. (by com vision.	munitization,	umt	ization, forced	-pooling, or o	Stherwise)
					h						וה			TICATION
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					1						0	ontained here	ein is true a	ut the information nd complete to
					1		# 1				1	he best of my	knowledge o	and belief.
						٠	,					Signature		
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											K	Printed Name	1	
	•••••		•••••		∦	•••••					$\ T\ $	JAMES CO	<b>GBURN</b>	
												Position OPER. CO	ORD.	
												Company ARCO OII	L AND GAS	
												Date	- / _ /	
											║┝		1/23/9	3
T 235										SEC 18		SURVEY	OR CERT	IFICATION
					1									
												I hereby cerujy this plat was p	inat the well to lotted from field	cation shown on notes of actual
												surveys made l	ry me or under	my supervision,
					11		#4						ume is true and wledge and beli	
						•	- 7						neage and ees	<b>v</b> .
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											╢┞	Date Surveyed		
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[	<b>.</b>				<u> </u>					SEC 19		Certificate No	•	
											┨┠			<u></u>
0 330 660	990	1320 1650	1980	2310	2640	2(	000	1500	1000	<sup>1</sup> 500	'	0		

# RECEIVED

SEP 2 8 **1993** 

ореново OFFICE TATE OF NEW MEXICO

11 CONDITIONNERALS DEPARTMENT

#### OIL CONSERVATION DIVISION P. O. BOX 2083

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

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		All distances	must he fr	om the cut	ter bounder	Tex of 3	he Section	•	
	l and Gas C			Leose					Well Ho.
Division of Atla			ıy		e Andre	ws WN	~ ~ ~ ~ ~ ~ ~		4
Unit Letter Sect		Township		Ban			County		
B · ]		235		<u> </u>	37E	l	Lea		
Actual Footage Location		North		1000		<i>.</i>		East	
	t from the Producting Form	North	tine and	<u>1980</u> F∞I		fret	from the	Last	line Dedicated Acreoge:
Ground Level Elev. 3327.6'	1		1		at Caa				220
	······	even Rivers			at Gas		······	······	
1. Outline the ac	renge dedicat	ted to the su	bject we	II by co	lored per	icil or	hachure	marks on t	he plat below.
2. If more than c interest and ro		dedicated to	the well,	, outline	cach an	d iden	tify the	ownership	thereof (both as to working
dated by comm	unitization, u	nitization, for	ce-poolin	g. etc?		vell, h	ave the	interests o	f all owners been consoli-
	No II an	swer is "yes	type of	consoli	dation				
this form if nec	essary.)								lated. (Use reverse side of
									nmunitization, unitization, a approved by the Division.
· · · · · · · · · · · · · · · · · · ·			1-1-1	111	1117	111	114		CERTIFICATION
	1	1			l Se	ec. 18	8 1		
	1	1		1980'					certify that the information con-
	1	1	- ir	1	l		+	1	rein is true and complete to the
			- *	· 1	1	-	- +	1	y knowledge and belief.
		↓ ↓					1		,
	1	1		I	l		T T	Name	
	<u>+</u>							A.L.	Shackelford
	4	<b>+</b> =		1			1	Position Energy	D Tash Gast
	1	→ 980		NCD			1		Tech, Spec,
	l	· 1 -		NSP -	999		1	1	ARCO Oil and Gas Co. Atlantic Richfield Co.
	1	1		ł			Ţ	DIV UI I Date	ALIANCIC KICHIIEId.00.
	1	1					$\downarrow$	9/08/83	
		1	l,	1	ľ		+		
	1			1		Saa	10		
	1	/ /		1980'	İ	Sec,	19 +	1 hereby	certily that the well location
	1 -	ē 1	K	<u>1900</u>	·		- 7	1	this plat was platted from field
	· · ·		X	4			+		octual surveys made by name
	i	1	자	<u>i t</u> 1			1	1	supervision, and that the same
	1.	1		1			1	Is true o	and connect to the best of my
	1	1		1	  -		]	knowledg	e and belief.
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N N	а <sup>.</sup> 1	$\downarrow$		- 1	•		1	Dote Survey	
	1 -	+		1	i . I		+		
	1	+		1			+	Registered	Protessional Engineer
	1	+		1			+	and/or Land	s Curveyor
	1	+		1			+		
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1		m sq === proq =		here -	<u></u> f=	and and 3	htal	Certificate	No.
0 330 660 80 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2310 2640	2000	1500	1000	+00	0		

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT I P.O. Bux 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 State of New Mexico Energy, Minerals and Natural Resources Department

Certificate No.

## **OIL CONSERVATION DIVISION**

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, I				GE DEDICATION		т
Operator			Lease			Well No.
•	lag Company		Duthie	Andrews WN	Co	
ARCO Oil & C			Range	Initial CWD With		County
B 19	· ·		-	East	NMPN	Lea
Actual Footage Location of V		·			<u>[ 4[ 411   14</u>	
660 feet fro	NT = == 1 1=	line and	1980	fe	et from	the East line
Ground level Elev.	Producing Formation	THE BUG	Pool			Dedicated Acreage:
	ates/Seven Riv	ers	Ja	lmat T <u>-Y-SF</u>		320 Acres
<ol> <li>If more than on</li> <li>If more than on unitization, forc</li> <li>Yes</li> </ol>	No If ans	utline each and dedicated to the wer is "yes" typ	identify the own well, have the in e of consolidation	nterest of all owners bee	n consi	blidated by communitization,
If answer is "no" l	ist the owners and tract description	ons which have a	actually been co	nsolidated. (Use revers	e side o	x
this form if necces	sary.					on formed pooling or otherwise)
No allowable will	be assigned to the well until all in dard unit, eliminating such intere	nieresis nave oo st has been ann	myed by the Di	(by communitization, u vision.	nnranc	in toteat-pooling, or otherwise,
	date date, contanting beet, more		//	111		
	57 57 58 57	18 jugo		1980'		OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. Signature <u>Xen W. Gosnell</u> Printed Name Ken W. Gosnell Position Regulatory Coordinator Company ARCO Oil & Gas Co. Date 8-13-90 SURVEYOR CERTIFICATION
	N/ Sec.	2		1980'		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 supervison, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Signature & Seal of Professional Surveyor
			•		ľ	

1500

2000

990 1320 1650 1980 2310 2640

NSP-999

330 660

0

1000

500

0

### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

R. 3-1	02
Supersede	es C-128
Effective	1-1-65

411	distances	must	be	from	the	outer	boundaries	of	the	Section.	
-----	-----------	------	----	------	-----	-------	------------	----	-----	----------	--

		All distances must	be from the	outer boundaries of	the Section.		
Operator Atlantic Ric	hfield Compan	Lease Dut	.ease Duthie Andrews Com WN			Well No.	
Unit Letter Section Township							<b>_</b>
B	19	23S	F	Range <b>37E</b>	County Lea		
Actual Footage Location of Well: 1980 feet from the East line and 660 feet from the North line							
Ground Level Elev:	Producing For		Pool		or nom the		Dedicated Acreage:
3327.6' GR Seven Rivers Queen Langlie Mattix 40 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 consoli- dated 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 Commis- sion.							
sion.							
	1		<u>_/_//</u>	<u>/</u>			CERTIFICATION
			99	* * 1980'			certify that the information con-
	1   		• •	* *		1	rein is true and complete to the y knowledge and belief.
				* *		Name	
		/_/_/	++ -,	/-  ·		Position	me
				1		Dist. I	orig. Supv.
	i I			1		Atlant: Date	ic Richfield Company
				1		1/9/76	
				1		i hereby	certify that the well location
	1			I		shown on	this plat was plotted from field actual surveys made by me or
	l					under my	supervision, and that the same and correct to the best of my
	 +					knowledge	e and belief.
	1					Date Survey	ed
	1			1		Registered	Professional Engineer
	1 1			 		and/or Land	d Surveyor
				i		Certificate	No.
0 330 660 19	90 1320 1650 1980	2310 2640	2000 1s	500 1000 5	100 0 1		