- Fordi 9-331 C	対別れの意	an a		SUBMIT IN T		Form approv Budget Bure	ved. au No. 42–R1425.
(May 1963)		ED STATES		(Other instr. reverse s) ^{ns on} 70	0-025-3	7446
	DEPARTMENT	OF THE IN	NTER	IOR	5.	LEASE DESIGNATIO	N AND BERIAL NO.
	GEOLOG	SICAL SURVE	Y			LC 032726	د
APPLICATION	I FOR PERMIT T	O DRILL, D	DEEPE	N, OR PLUG E	BACK ⁶	5. IF INDIAN, ALLOTT	EB OR TRIBE NAME
1a. TYPE OF WORK	-					. UNIT AGREEMENT	NAME
		DEEPEN [PLUG BA			-
b. TYPE OF WELL OIL GA WELL X W			8IN 201	GLE MULTH	¹ .	. FARM OR LEASE N	ANE
2. NAME OF OPERATOR	ARCO Oil & Gas			**		Outhie Andre	ws WN Fel
	Division of At	lantic Rich	field	i Company	9	. WELL NO.	
8. ADDRESS OF OPERATOR	D.O. D	Hebbe Nor	Morri	89240	1	O. FIELD AND POOL,	OR WILDCAT
A TOCATION OF WELL (R	P.O. Box 1710, eport location clearly and	nobbs, New in accordance wit	h any St	ate requirements.*)	. : [:	anglie Matt	fr 7 P On
At surface					- 1	AND SUBVEY OR	ABBA
At proposed prod. zon	1980' FEL & 660). ISL (UNI	.t Lei	Ler U)	10 ST 20		
	as above	-			in	18-235-37E	11 13 STATE
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR					Lea	New Mexico
15. DISTANCE FROM PROPO	9 miles South	Eunice, New	16. NO.	OF ACRES IN LEASE	17. NO. OF TO THIS	ACRES ASSIGNED	
LOCATION TO NEARES	INE FT. 660' West	t ·	320	0¥0	TO THIS	4 WELL	0
(Also to nearest drig 18. DISTANCE FROM PROF	OSED LOCATION*			POSED DEPTH	20. ROTARY	OR CABLE TOOLS	· · · · · · · · · · · · · · · · · · ·
TO NEAREST WELL, D or applied for, on th	IS LEASE, FT. 119.	5'East	37	50'	Rc	otary	
21. BLEVATIONS (Show wh					з <u>-</u>	22. APPROX. DATE	WORK WILL START*
	3331.8' GL				1		
23.	P	ROPOSED CASI	NG AND	CEMENTING PROGR	.A.M	<u> </u>	12:
BIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00T	SETTING DEPTH		QUANTITY OF CEM	
17 2"	13-3/8" OD	54.5# 24# K-55		<u> </u>		Redi-Mix to circ to sur	
12 ½"	8-5/8" OD	<u>24# K-55</u> 15.5# K-5		3750'		x circ to su	
7 7/8"	5-1/2" OD	13.57 %	<i>.</i>				
Propose to d	drill a developm	ent well a	nd te	st producing c	apabilit	ies of the l	Langlie
Mattix 7 Riv	vers Queen forma	tion.			2.1.1 2.1.1 2.1.1		
		- 2 - 2	•			to a di trank	
			ŗ			an geroerwaalle fer de redestraat ver estroof senght po termes frage de redes frage orte redes frage de re	
۰.				-		anna, an Sun thu Sun thu Sun thu	
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			• •			પુર જ્વે જહાર મહારાયક મહારાયક હુ દ્વારા	
					(B) (e le le Le la	
Blowout Pre	venter Program a	ttached.			ು. 		
IN ABOVE SPACE DESCRI	BE PROPOSED PROGRAM: If o drill or deepen direction	proposal is to dec ally, give pertiner	epen or] nt data (plug back, give data on on subsurface locations	present product and measured	and true vertical de	osed new productive pths. Give blowout
zone. If proposal is to preventer program, if a	b utili of deeped uncedion						
24.	11-70				unt ²	년 민준 ^특 히 공학	5-27-81
BIGNED print	D Schmidt	T	ITLE	Dist. Drlg. S		`DATE	
(This space for De	pera V Stat office use)						
APT	CEOPOE H STEWA	RI		APPROVAL DATE			
PERMITING - Could	GEORGE - Straf	· · · · · · · · · · · · · · · · · · ·			· •	n an	2000 - 200 2010 - 2010 - 2010 2010 - 2010 - 2010 2010 - 2010 - 2010
APPROVED BY	231981	T	ITLE	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	DATE	
CONDITIONS OF APPR	1						
	A. GILLHAM					$\frac{1}{1} = \frac{1}{2}$	
DISTRIC	T SUPERVISOR	*San Inch	nuction	: On Reverse Side			
		966 HI31					

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et.

MEW MEXICO OIL CONSERVATION COMMINION W. LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

,	Ali dia	tances must be from	the outer boundaries of	the Section.	
Operator Arco		Leo	Duthie An	drews TET. Fec	Well No.
Unit Letter DIVIS	18 23	South	Range 37 East	County	
Actual Footage Locatio	n of Well;			Lea	
Ground Løvel Elev.	Producing Formation	line and Poo		t from the south	line
3331.8	Seven Rivers Q		' _Langlie Matt	fæ	Dedicated Acreage:
1. Outline the a	creage dedicated to th		y colored pencil o	r hachure marks on t	40 Acres
2. If more than interest and r	one lease is dedicate oyalty).	d to the well, ou	tline each and ide	ntify the ownership t	hereof (both as to working
3. If more than o dated by comm	one lease of different o nunitization, unitization	wnership is dedi 1, force-pooling. e	cated to the well, tc?	have the interests of	all owners been consoli-
Yes] No If answer is "	'yes," type of con	solidation	······································	
If answer is * this form if ne	'no,'' list the owners an cessary.)	d tract descripti	ons which have ac	tually been consolida	ated. (Use reverse side of
No allowable v	vill be assigned to the v	vell until all inte non-standard uni	rests have been c t, eliminating sucl	onsolidated (by com i interests, has been	munitization, unitization, approved by the Commis-
	1 		1		CERTIFICATION
				I hereby c	ertify that the information con-
	1	ENGL	ILER &	tained her	ein is true and complete to the
	1	18 · ·		best of my	knowledge and belief.
	1	a s			
	+	1102	576运		$120 \cdot 0.$
	1	Zmu	1.0 \$	Pristion	a schmidt.
			MEXIC	Dist. Drl	g. Supt.
• •		10HN	W. WEST	ARC0 -011	& Gas Company
			Ī	Division Date	of Atlantic Richfiel
			1	May 27, 1	981
			i		
	1				
	1		1		ertify that the well location
			1		is plat was plotted from field tual surveys made by me or
					pervision, and that the same
			1		correct to the best of my
• •• ·• ·	+	ЧНИНН		knowledge o	ind belief.
			4		
	- 1		, T	Date Surveyed	
	- 1		17	5/19/81	
		O	-1		fessional Engineer
	1	- To	1	and/or Land St	
	1	//////	T.	Jem.	Wind
1 Ce' C88 OEE	170 1440			Certificate No	JOHN W. WEST 878 PATRICK A. ROMERO 8883
	320 1650 1980 2310 2640	2000 18	00 1000 800	6	PATRICK A. ROMERO 8883 Ronald J. Eidson 3239



ARCO Oil & Gas Company Division of Atlantic Richfield Company Blow Out Preventer Program

Leaso Name Duthie Andrews WN Fed

Well No. K

Location 1980' FEL & 660' FSL

Sec. 18-235	5-37E
Too Country	NT N/

Lea County, N.M. BOP to be tested before 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.

JUN 9 1981 OIL CONSERVATION DIV

Ê RECEIPED

1. . • •

NO 1	CO OIL & GAS	CO.	Langlie-Ma	ittix		Courses	ed Reproduction Proj
Se	c 18, T23S, F	vs, Duth	ie Federa	1		NPI 30-02	5-27446
	0 FSL, 1980 -		ec	2		0-ORD	
CSC .	Builte			SPD 6-19	0.01	11-1	-29 NM
14-30-7	0 sx		WELL CLASS:		IN DO L	^{AP} 10-1	2-81
	165-850 sx 755-750 sx		FORMATION	DATUM		ATION	DATIN
2 3/8-3	629			+			DATUM
					-+		
IP (Seve	n Rivers o		10 3755 (0		<u> </u>		
based on	n Rivers-Quee 24 hr test.	en) Perf	s 3394-36	33 P 27	POD 36	45	
		GUR 46	30; gty (NR) ~~/	DOP()	+ 28 BW	. Pot
	7/Marc #792						

0~13	6-19-81 6-26-81 6-29-81 8-7-81 8-14-81 8-25-81 8-28-81	F.R. 6-15-81 PD 3750 RT (Seven Rivers-Queen) TD 30; MIRT TD 1165; NU BOP's TD 1165; PBD 1155; SI Twisted off kelly sub above RT DOC to 1155 Operator temporarily abandoned operations Drlg 1515 Resumed operations 8-6-81 TD 3755; LDDP TD 3755; SI TD 3755; PBD 3710; Swbg Perf (Seven Rivers-Queen) @ 3394, 3399, 3487, 3491, 3524, 3532, 3542, 3546, 3554, 3570, 3582, 3586, 3596, 3606, 3611, 3618, 3633, 3651, 3655, 3668, 3673, 3677 w/1 SPT Acid (3394-3677) 3000 gals
		s sood gals

11-1-29 NM

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LEA ARCO OIL & O	GAS CO.	Langlie-Matt 1 Andrews, I Sec 18, T235	uthie reactar	NM Page 2
8-28-81	/220/-36	1 BF (3-4% oil) w 77)	/GSG in 3 hrs	30 mins
9 -3-81 9-14-81	TD 3755; TD 3755; Sqzd (36	PBD 3/10; S1 PBD 3645; P1g (51-77) 150 sx		
	Acid (33 Swbd 3 I Frac (33	394-3633) 1500 8 BO + 6 BW in 10 394-3633) 40,00	0 gals + 13,500	
9-18-81 10-13-81	1755	BO + 80 BW III ; PBD 3645; TOP ; PBD 3645; WOS		

Ppd 27 BO + 28 BW + 125 MCFGPD in 24 hrs 10-13-81 (3394-3633) TD 3755; PBD 3645; Complete LOGS RUN: GRL, CNL, FDC, DILL, CAL, CORL 11-2-81 Released Rig 6-27-81 COMPLETION ISSUED 11-7-81 11-1-29 NM

1C 30-025-70301-81