Form 3160-3 (November 1983 (formerly 9-331C)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IS TRIPLICATE\*

(Other instructions on reverse side)

Form approved.

Budget Bureau No. 1004-0136 Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO	SE DESIGNATION	AND SERIAL	NO.
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5.

					SF - (	080917	
APPLICATION FO	OR PERMIT TO DRII	L DEEPEN. O	R PLUG	BACK	. IF INDIA	N, ALLOTTEE OF	TRIBE NAME
1a. TYPE OF WORK				_	<i>1</i>	NONE	
ia. TIPE OF WORK	DRILL X DEE	PEN L PLU	JG BACK	_ [	7. UNIT AC	REEMENT NAM	E
b. TYPE OF WELL							
OIL GAS WELL	X OTHER	SINGLE ZONE	X MULT	IPLE	8. FARM O	R LEASE NAME	
2. NAME OF OPERATOR		7			Atlai	ntic Fruitland	d 33
ARCO Oil and G	as Company			Ī	9. WELL N		
3. ADDRESS OF OPERATOR	<u></u>	<del></del>				2	
	Midland, Texas 79702	,			O. FIELD A	ND POOL, OR W	ILDCAT
	eport clearly and in accordance		ements.)		Basi	in-Fruitland	Coal Gas Pool
At surface	1489' FSL & 1078' F	·1//1		ŀ		, M., OR BLK.	
At proposed Prop						URVEY OR AREA	١
At proposed 1 rec	<sup>d. zone</sup> Approximately	the same			$\stackrel{\leftharpoonup}{\sim}$ Sec 3	33, T31N-R1	ow
13. DISTANCE IN MILES AN	D DIRECTION FROM NEAREST	TOWN OR POST OFFIC	E		12. COUNT		13. STATE
12 miles NE	of Aztec, New Mexico				San	J <del>äu</del> n	NM
15. DISTANCE FROM PROPE PROPERTY OR LEASE L	OSED LOCATION TO NEAREST	16. NO. O	F ACRES IN LI	ASE	17. NO.	OF ACRES ASSI	
(Also to nearest drig. I			2538.18		1 -	THIS WELL 9.66 <del>320</del>	+ 101/2
18. DISTANCE FROM PROPO	DSED LOCATION TO NEAREST		OSED DEPTH	<del></del>	20. ROT	ARY OR CABLE	TOOLS
DRILLING, COMPLETED OR APPLIED FOR, ON T	Ο,		3058'			Rotary	
21. ELEVATIONS (Show who	ether GR or KB)	<del></del>			12	-	TE WORK WILL START
	This artish is subj	act to technical ar	nd		[		
6301' 6	TH PROCESS OF CONTRACT	<u>curbuctly 43 Cr</u>	A 3100.3			Spud 6/9	00
23.	and appeal perce	osed gasing and	B'CEMENT!	NG PROGR	AM .		erra generation generation
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	тоот	SETTING DE	РТН 🚉 👢	QUANTITY (	F CEMENT // 3
12-1/4"	8-5/8"	24#		3 <del>00</del> ' 5	CO "	3250 cut	10000
7-7/8"	5-1/2"	15.5#		3058'		1200 ct	uft
	l	1					
44 1	U = 40 4/4" b=1=4= 00/	M			44!		: 4bb:!!!

It is proposed to drill a 12-1/4" hole to 300' using fresh water spud mud. After setting surface casing, the shoe will be drilled out with a 7-7/8" bit, continueing to TD. A low solids, fresh water gel/polymer mud system will be utilized. A water loss of less than 20cc will be maintained and a mud weight of 9.5 ppg will be used to balance the 1600 psi Fruitland pore pressure. At TD, open-hole logs consisting of GR/CAL/FDC will be run and 5-1/2" productrion casing will be set and cemented to surface.

Pursuant to the " Onshore Oil and Gas Order #1" attachments are as

- 1. Certified Location Plat
- 2. Drilling Plan with attachments
- 3. Surface Use Plan with attachments

JUN2 9 1990

OIL CON. DIV

IN ABOVE SPACE DESCRIBE PROPOSED PROGAM: If proposal is to deepen or plug back, give data on present productive zone are proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Kenau Losnell	915 688-5672 TITLE Regulatory Coordin	ator DATE 5-2-90
(This space for Federal or State Use)		
PERMIT NO	APPROVAL DATE	
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		APPROVED
		CONTRACTOR STANDARD

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

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

Form C-102 Revised 1-1-89

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

DISTRICT II P.O. Drawer DD, Artesia, NM \$2210

## WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be from the outer boundaries of the section

Operator								Lease	_						Wall No	<u>.                                    </u>	
Arco Oi	1 &	Ga	as Co	ompar	ıy			At	lan	tic	Fru	itla ——	no				2
Unit Letter	Section	33	3	Townsh		l N.	,	Range	1	0 /	٧.	NI.	APN	County San	Juan	Co,	N.M.
Actual Footage Local	tion of	Well:						3000							<u>.</u> .		
1489	feet fr	om th	ne SC Producing	outh		lis	ne and	1078	-			feet 1	TOI	the Wes	Dedicat	ne ed Acrea	309.60
Ground level Elev. 6301		1	_	itlar				30	sin-	Frui	tlan	d Cod	الد	Gas Pool	WIZ	<del>32</del> (	Acres
1. Outline	the ac	reage				l by col	ored per	cil or bach							1,407,0		
													vork	ing interest and	royalty).		
3. If more than one lease of different ownership is dedicated to the well, have the interest 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 neccessary.  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 interest, has been approved by the Division.																	
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