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)

30-045-28050

Form approved.

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

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					NM - (	0606				
APPLICATION FOR	R PERMIT TO DRILL	_ DEE	PEN, OR PLUC	BACK		, ALLOTTEE OR	TRIBE NAME			
	DRILL DEEP		PLUG BACK			VONE PREEMENT NAME				
b. TYPE OF WELL					7. ONIT AC		•			
OIL GAS X	OTHER			LTIPLE	8. FARM O	R LEASE NAME				
2. NAME OF OPERATOR					<u> Atlar</u>	ntic Fruitland	28			
ARCO Oil and Gas	s Company	F-5	- ,		9. WELL N	0.				
3. ADDRESS OF OPERATOR		7 7				1				
P.O. Box 1610, M	idland, Texas 79702				10. FIELD A	ND POOL, OR WI	LDCAT			
4. LOCATION OF WELL (Rep	ort clearly and in accordance	with any	State requirements.)		Basin-Fruitland Coal Gas Pool					
At surface		C., T., M., OR BLK.								
At proposed Prod.	zone Approximately t	he san	ne		K	urvey or area 28, T31N-R10				
13. DISTANCE IN MILES AND I		• • •	·····		12. COUNT	Υ ,	13. STATE			
	Aztec, New Mexico					Jaun ~	NM			
15. DISTANCE FROM PROPOS PROPERTY OR LEASE LINE	ED LOCATION TO NEAREST		16. NO. OF ACRES IN	LEASE		OF ACRES ASSIG	NED Bol.Se			
(Also to nearest drig. line			2394.72	'	'0'	-320	E/2			
18. DISTANCE FROM PROPOS	ED LOCATION TO NEAREST W	ELL,	19. PROPOSED DEPT	1	20. ROT	ARY OR CABLE T	OOLS			
DRILLING, COMPLETED, OR APPLIED FOR, ON THIS	S LEASE, FT. 642'		2930°			Rotary				
21. ELEVATIONS (Show wheth	er GR or KB) This action is subject	to tect	micel and		2	2. APPROX. DAT	E WORK WILL START			
6082.0' G	procedulal review pur					Spud 7/9	0			
23.	end appeal pursual PROPO	SED C	ASING AND CEMEN	TING PROGE	RAM <mark>SU</mark> BJE	66 10 66 Ma.	<del>DECENTARIA DE SE</del> DE LOS VATAS ATRACHED			
SIZE OF HOLE	SIZE OF CASING	WE	IGHT PER FOOT	SETTING D	EPTH " GEN	ERA <b>QUANTYAQ</b>	FURENT ILS			
12-1/4"	8-5/8"	2	24#	<del>300</del> '	500	325 <b>∉</b> cuft	•			
7 7/9"	5-1/2"	1	I	2020'		1200 cu	ft			

500 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 follows:

1. Certified Location Plat

2. Drilling Plan with attachme	ents	
3. Surface Use Plan with attac	chments	
IN ABOVE SPACE DESCRIBE PROPOSED PROGAM: It if proposal is to drill or deepen directionally, give pe program, if any.	f proposal is to deepen or plug back, give data on present productivertinent data on subsurface locations and measured and true vert	e zone and proposed new productive zone ical depths. Give blowout preventer
24. SIGNED Kengu Gornell	915 688-5672 TITLE REQUIATORY COORDINATOR	DATE 5-2-90
(This space for Federal or State Use)		
PERMIT NO.	AFP SYAL DATE	
APPROVED BY	TITLE	&RPROVED
conditions of APPROVAL, IF ANUL 3 1 1990	NMOCD	AS AMENDED
OIL CON. D	See Instructions On Reverse Side	
Title 18 U.S.C. Section 1001, make the prime for a	any person knowingly to make to any department or agency of the	z I work

United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

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

## 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 II P.O. Drawer DD, Artesia, NM \$1210

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

DISTRICT III 1000 Rio Brazos Rd., Aziec, : Idd 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator				Lease			<del></del>	Wal No.	
Arco	Oil & Gas (	Company		Atlan	tic Fru	uitland	28		l
Unit Letter	Section	Township		Range	30 14		County	<del></del>	
В	28	] 3⊥	N		10 W.	NMPA	sa Sa	n Juan	
Actual Footage L	ocation of Well:	••		71.00			77	1	
1045	feet from the	North	line and	1489		feet from	the Eas		
Ground level Elev		ng Formation		Pool	٠ .	١٠	1001	Dedicated Acr	<b>eage:</b> }
6082		uitland	<del> </del>	1 Basin-1	ruitla	nd coa	Gas Pool	E/2 326	Acres
	line the acreage dedicate nore than one lease is de						ing interest and	royalty).	
	ore than one lease of di ization, force-pooling, e		dedicated to the	well, have the in	erest of all ow	ners been cons	olidated by com	munitization,	
Г	Yes	No If ans	wer is "yes" ty	pe of consolidation	·		<u> </u>		
	ver is "no" list the owne	ers and tract descripti	ons which have	actually been con	solidated. (Us	e reverse side o	ď.		
	rm if neccessary owable will be assigned	to the well until all i	nterests have b	een consolidated (	by communitiz	tion unitizatio	a, forced-poolin	g, or otherwise)	
	a non-standard unit, el			proved by the Divi	sioe.	•			
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