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

UNITED STATES (Other ins

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.

NM	- 0	606
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					IVIVI - C	000		
APPLICATION FO	OR PERMIT TO DRIL	L DEEPE	N. OR PLU	G BACK	6. IF INDIAN	ALLOTTEE OR	TRIBE NAME	
1a. TYPE OF WORK DRILL DEEPEN PLUG BACK			NONE 7. UNIT AGREEMENT NAME					
b. TYPE OF WELL OIL GAS WELL WELL	X OTHER	SINGL ZONI	E X MI	ULTIPLE	B. FARM OF	LEASE NAME		
2. NAME OF OPERATOR ARCO Oil and Gas Company					Atlantic Fruitland 27			
	Midland, Texas 79702				10. FIELD A	1 ND POOL, OR W	LDCAT	
4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.) At surface 1480' FNL & 1403' FEL			Basin-Fruitland (ool Gas Pool 11. SEC., T., M., OR BLK. AND SURVEY OR AREA					
At proposed Prod. zone Approximately the same				Sec 27, T31N-R10W 12. COUNTY 13. STATE				
7 miles NE o	f Aztec, New Mexico		NO. OF ACRES I	NICARE	San	.Τωςω Jaun	NM	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 1480'			2394.7		17. NO. OF ACRES ASSIGNED TO THIS WELL 3/4.25 -320 E/2			
IB. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 252'			PROPOSED DEP		20. ROTARY OR CABLE TOOLS Rotary			
21. ELEVATIONS (Show who	This action is sub 'GR procedural review	bayeass to	43 GrH 316			Spud 6/9	E WORK WILL START	
23.	and appost person PROPO	SED CASING	AND CEMEN	NTING PROGE	RANDRILLEN) CREATION:	S AUTHORIZED ARE	
SIZE OF HOLE	SIZE OF CASING	WEIGHT P	'ER FOOT	SETTING D	PTH CENEDAL OF CHAPTER		F CEMENT (# 8 ACH	
12-1/4"	8-5/8"	24#		300 ′ 5	00	3254 CUIT WIS".		
7-7/8"	5-1/2"	15.5#	15.5#			1200 cuft		
	50	01						

It is proposed to drill a 12-1/4" hole to \$00" 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 and productive zone and 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.

24.

SIGNED Ken Wyoszill TITLE Regulatory Coordinator DATE 5-2-90

(This space for Federal or State Use)

APPROVED BY_______ TITLE
CONDITIONS OF APPROVAL, IF ANY:

NMOCD

APPROVED
AS AMENDED

*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.

JUN 26 1990 Ken Townsend Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 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 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aziec, NM \$7410

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

County	
Actual Foctage Location of Well: 1480 ' feet from the North line and 1403 ' feet from the East line Ground level Elev. Producing Formation Pool 1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 interest of all owners been consolidated by communitization, unnitization, force-pooling, etc.? Yes No If answer is "yes" type of consolidated. (Use reverse side of this form if neccessary.	
Actual Footage Location of Well: 1480 * feet from the North line and 1403 * feet from the East line Ground level Elev. Producing Formation Pool 6229 * Fruitland Basin-Fruitland Coal Gas fool E/2 320 Acre 1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 interest of all owners been consolidated by communitization, 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.	
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1 St. 11 11 11 L 11 L 1 1 11 intermed have been perceptidated the perception traiting to fored-pooling of otherwise)	
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.	
S89°52'W 5111.04 OPERATOR CERTIFICATION	
I hereby certify that the info	
contained herein in true and complete	
DECEIVE Of my browledge and belief.	
Signal Polices	
JUN 2 9 1990 1 = Jole James	
[5] Printed Name	
12 011 CON DIV-1 Toel Talley	
The Bootien	
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Company HACO OIL+ bas	
1 /M 1 Ahio 011+6as	
Pate	
3-14-90	
Sec 27 SURVEYOR CERTIFICATION	
Sec 27 SURVEYOR CERTIFICATION	NC
I hereby certify that the well location	show
on this plat was plotted from field a	soles o
Amoco Prod #1 Als actual surveys made by me or unc	der mj
1634 FN & 1206 FE supervison, and that the same is in	we are
belief.	J
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Date Surveyed 3-14-90 Signature & Seal of	
3-14-90	
N Signature & Seal of Professional Surveyor A RUSH	
Professional Surveyor A. RUSH	
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a de Metro	1
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S 88°30'W N88°33'W S Certificate No. 188°4	
2659.64 / 26/5.58 / 889 4	
S 88°30'W N 817°33'W 2659.64 0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0	

