SUBMIT 1. RIPLICATE*

(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136

UNITED STATES
DEPARTMENT OF THE INTERIOR

	DEPARTME	NT OF THE	INTERIOR		Expires: February 28, 1995	
		OF LAND MAN			5. LEASE DESIGNATION AND SERIAL NO.	
APPLICATION FOR PERMIT TO DRILL OR DEEPEN					LC-030187	
1a. TYPE OF WORK	- LIOATION I ON	FEMINI TO	DRILL OR DEE	PEN	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
DRILL 🖾 DEEPEN 🗌				7. UNIT AGREEMENT NAME		
b. TYPE OF WELL OIL WELL X	GAS OTHER					
2. NAME OF OPERATO	WELL OTHER		SINGLE X	MULTIPLE ZONE	8. FARM OR LEASE NAME, WELL NO.	
ARCH PETROLEUM, INC. (RICHARD WRIGHT 915-685-8140)					C.E. LAMUNYON # 78	
3. ADDRESS AND TELEPHONE NO.					9. AF WELL NO.	
P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (915-685-8100)					SU-025-3536	
At surface (httpoft location clearly and in accordance with any State requirements *)					10. FIELD AND POOL, OR WILDCAT LANGLIE MATTIX 7R's,Q,GRI	
990' FNL & 430' FWL SEC. 28 T23S-R37E LEA CO. NM					11. SEC T P V CO	
At proposed prod. zone SAME					AND SCRVET OR AREA	
14. DISTANCE IN MILI	S AND DIRECTION FROM NE	AREST TOWN OF DO	سلم		SEC. 28 T23S-R37E	
Approximately 10 miles south of Eunice New Mexico.					12. COUNTY OR PARISH 13. STATE	
LOCATION TO NEAR	Fem	. Of Ediffe	16. NO. OF ACRES IN L	P. GD.	LEA CO. NEW MEXICO	
(Also to nearest of	I LINE, FT. Irig. unit line if any.	430 '	1280	1 -1	F ACRES ASSIGNED HIS WELL	
TO NEAREST WELL DRIVEN			19. PROPOSED DEPTH	20 80715	20. ROTARY OR CABLE TOULS ROTARY	
OR APPLIED FOR, ON THIS LEASE, FT. 1. ELEVATIONS (Show whether DF, RT, GR, etc.)		1650 '	3650'			
1. ELEVATIONS (Show t	whether DF, RT, GR, etc.)	3309' G	R.		22. APPROX. DATE WORK WILL START*	
3.		330,7 0			WHEN APPROVED	
		PROPOSED CASE	NG AND CEMENTING PR	ROGRAM		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FO	OT SETTING DEPT	гн	QUANTITY OF CEMENT	
	Conductor	NA	40'	Cement	to surface with Redi-mix.	
12½'' 7 7/8''	J-55 8 5/8"	32	MINESS	900 Sx.	900 Sx. circulate to surface	
7 7 / 8"	J-55 5½"	15.5	3650 '	1000 Sx	1000 Sx. " "	
	<u> </u>					
Drill 25" ho.	le to 40'. Set 40	0' of 20" co	nductor pipe ar	od compat to	surface with Redi-mix.	
Drill 12な" ho	le to 1100'. Run	and set 110	00' 8 5/8" J-55	5 32# ST&C c	asing. Cement with	
900 Sx. of Cl	ass "C" cement +	¼# Flacele,	/Sx. + 2% CaCl,	circulate c	ement to surface.	
1000 Sx. of c	lass "C" cement	un and set 3	3650' of 5½" J-5	55 15.5# ST&	C casing. Cement with	
or of the	rass c cement.	+ additives,	circulate ceme	ent to surfa	ce.	
	01.					
	0.762			APPROVAL &	nir iert ta	
	0962 14898 17240 1-22-01			GENERAL DI	EQUIREMENTS AND	
. 3	7240			SDECIAL AT	EUDITEMEN IS ANU	
/	1-11-01			SPECIAL STI	PULATIONS	

on present productive zone and proposed new productive zone. If proposal is to drill or an independent program, if any.

Agent

(This space for Federal or State office use)

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereo.

TITLE _____