E 2160 2		RVATION DIV	SUI	BMIT IN	LICATE	Forter		VI
Form 3160-3 (July 1992)	811 stS ARÌ ⇔14.∏	I. END SEEZACIFEEB84		other ins	Jns on de)	OMB NO.	PPROVED 1004-0136 ruary 28, 1995	612.
	DEPARTMENT		U U	CEN	VED	LEASE DESIGNATION	-	D.
<u> </u>		AND MANAGEME				6. IF INDIAN, ALLOT	222	
1a. TYPE OF WORK	ICATION FOR PE	RMIT TO DRIL		EPEN	1996	. IF INDIAN, ALLOT	TED OR TRIBE NAM	E
DR		DEEPEN	\bigcirc	രത്ത		7. UNIT AGREEMENT	NAME	
	CAS WELL OTHER					5. FARM OR LEASE NAME,	WELL NO 188	17
2. NAME OF OPERATOR			A	-1 <u>0) %</u> ;5;1]	2	Ore Ida "]	L4" Feder	al#5
Penwell En 3. ADDRESS AND TELEPHONE NO.	ergy, Inc.	147380		2524		API WELL NO.	20-12	
600 N. Mar	ienfeld, Ste 6	00, Midland	15) 683 "Texas	797		30-015- 0 0. FIELD AND POOL	OR WILDCAT	
4. LOCATION OF WELL (E At surface 935 A	Report location clearly and i	a accordance with any l	State requiren	nents.*)		<u>E Pierce (</u>	rossing	BS
	FNL & 1980' FE	L			1	1. SEC., T., R., M., O AND SURVEY OR	R BLK.	
660'	FNL & 1980' FE		<u>ــــــــــــــــــــــــــــــــــــ</u>		Se	<u>ec. 14, T</u> 2	24S.R29E	
	AND DIRECTION FROM NEARE		E*		1	2. COUNTY OR PARIS	SH 13. STATE	
15. DISTANCE FROM PROP LOCATION TO NEARES	st of Malaga N		O OF ACRES I	N LEASE		Eddy	New Me	xico
PROPERTY OR LEASE (Also to nearest dr)	LINE, FT. g. unit line, if any)	660'	640		TO THIS	40		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19 FI	0POSED DEPTH		20. ROTARY OR CABLE TOOLS		1001	
21. ELEVATIONS (Show wh		1	0.500			22. APPROX. DATE	VORK WILL START	r*
2960'	GR					<u>October</u>	1, 1996	
2·9.	P	ROPOSED CASING ANI	CEMENTIN	G PROGRAM	· · · · · · · · · · · · · · · · · · ·			
SIZE OF HOLE	GRADE SIZE OF CASING WEIGHT PER FOOT			SETTING DEPTH		QUANTITY OF CEMENT		
$\frac{17}{12} \frac{172}{1/4"}$	H-40 13 3/8 J-55 9 5/8	<u>48#</u> 36 #	350		2 <u>50 sx</u> 500 sx	<u>- Circul</u> - Circul	<u>ate to s</u>	
7 7/8"	N-80, J-55 5 1/2"	17#	8500			Est. TÓC		<u>u</u> r ru
l. Drill	17 1/2" hole t	0 350'. Rur	n & set	350'	of 13 3	8/8" 48#	H-40 STL	C
casing	. Cement w/15	0 sx. Cl. "(2" + 1/	4# floo	cele +	5# Gilson	ite/sx.	+ 2%
CaCI,	tail in with l	00 sx. Cl. '	'C" + 3	% CaCl	. Circ	culate cmt	. to sur	face
2. Drill	12 1/4" hole t	o 3100'. Ru	ın and	set 310	00' of	9 5/8" 36	#, J−55,	8rd
ST&C C per sx	asing. Cmt. w + 8% salt, Ta	/300 sx. Cl.	. "C" 1	ight +	1/4# f	locele/sx	5# Gils	onite
3. Drill	7 7/8" hole to	.8500'. Rur	n and s	et 9100)' of 5	5 1/2" as	follows:	
Cmt. w	of N-80 17#, L /600 sx. Cl. "	H" + 8% salt	27-5 IC	, ⊥/≘ 」 Halad	322 +	.400' of N .6% Halad	-80 LT&C 344 E	csg st.
TOC 56	00'. nameioa	est 🐲				Partee	ID-1	00.
	s source a sequencies of the sequence of the second s					NL 0 P 10-25	9 P I - 97-	
IN ABOVE SPACE DESCRIE deepen directionally, give pert	BE PROPOS TIPE PROPOSED IN If pro inent data on subsurface locations	pposal is to deepen, give data and measured and true vertice	on present pro	ductive zone ar	nd proposed ne	ルースつ w productive zone. If nv	proposal is to drill	or
24.	$\overline{)}$					••• <u>•</u> ••••••••••••••••••••••••••••••••		
SIGNED STONY	da logman		oducti	on Ana	lyst	- DATE -Sep	t. 9, 19	9 6
(This space for Fede	eral or State office use)					L		
PERMIT NO.			APPROVAL DAT	Е				
Application approval does CONDITIONS OF APPROVA	not warrant or certify that the applic L, IF ANY:						conduct operations th	iereon.
(ORIG	. SGD.) RICHARD L	AA ANTIO	А	rea Mana	zer	RPT -		
APPROVED BY	, the visiting L				<u></u>	DATE	2 1996	-
		*See Instructions	On Reverse	Side				

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