

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

PENWELL ENERGY, INC. (BILL PIERCE) 915-683-2534

## 3. ADDRESS AND TELEPHONE NO.

600 NORTH MARIENFELD SUITE 1100 MIDLAND, TEXAS 79701

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface  
2080' INL & 1650' FEL SEC. 29 T22S-R26E EDDY CO. NM  
At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 3.5 miles Northwest of Carlsbad New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1650'

## 16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

## 19. PROPOSED DEPTH

5000'

## 20. ROTARY OR CABLE TOOLS

ROTARY

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3443' GR.

## 22. APPROX. DATE WORK WILL START\*

As soon as approved

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix.
17 1/2"	H-40 13 3/8"	48	350'	WITH 400 Sx. circulate cement to surf
11"	J-55 8 5/8"	24	1650'	WITH 425 Sx. " " " "
7 7/8"	J-55 5 1/2"	17	5000'	650 Sx. Estimate top of cement 1200'

## CARLSBAD CONTROLLED WATER BASIN

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 350'. Run and set 350' of 13 3/8" H-40 48# ST&C casing. Cement with 400 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface-
3. Drill 11" hole to 1650'. Run and set 1650' of 8 5/8" J-55 24# ST&C casing. Cement with 425 Sx. of Halco Light Class "C" + additives, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 5000'. Run and set 5000' of 5 1/2" J-55 17# ST&C casing. Cement with 400 Sx. of Class "C" Halco Light + additives, tail in with 250 Sx. of Class "C" + 2% CaCl, estimate top of cement 1200'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and 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.

## 24.

SIGNED

TITLE Agent

(This space for Federal or State office use)

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND 97  
SPECIAL STIPULATIONS  
ATTACHED

PERMIT NO.

APPROVAL DATE

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 thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

Acting ADM - Minerals

DATE

12/30/97

\*See Instructions On Reverse Side

