

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. (915) 683-2534

## 3. ADDRESS AND TELEPHONE NO.

600 N. Marienfeld, Ste. 1100, Midland, Texas 79701

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

At surface

1980' FSL & 1980' FWL  
1880' FSL & 2480' FWL

At proposed prod. zone

1980' FSL &amp; 1980' FWL

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

7 miles East of Malaga New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

## 16. NO. OF ACRES IN LEASE

640

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.

1980

## 19. PROPOSED DEPTH

8500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

2963' GR

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

January 15, 1997

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8"	48#	350'	250' sx. Circ. to surface
12 1/4"	J-55 8 5/8"	32#	3100'	500 sx. Circ. to surface
7 7/8"	N-80, J-55 5 1/2"	17#	8500'	600 sx. Est. TOC 5600'

1. Drill 17 1/2" hole to 350'. Run & set 350' of 13 3/8" 48#, H-40 ST&C csg. Cmt. w/150 sx. Cl. "C" + 1/4# flocele + 5# Gilsonite/sx. + 2% CaCl, tail in with 100 sx. Cl. "C" + 3% CaCl. Circ. cmt. to surface.
2. Drill 12 1/4" hole to 3100'. Run and set 3100' of 8 5/8" 32#, J-55, 8rd ST&C casing. Cmt. w/300 sx. Cl. "C" light + 1/4# flocele/sx 5# Gilsonite per sx + 8% salt, Tail in with 200 sx. Cl. C + 2% CaCl. Circ. to surf.
3. Drill 7 7/8" hole to 8500'. Run and set 8500' of 5 1/2" as follows:  
2900' of N-80 17#, LT&C, 4800' of J-55, 17#, LT&C, 1400' of N-80 LT&C csg  
Cmt. w/600 sx. Cl. "H" + 8% salt + 6% Halad 322 + .6% Halad 344. Est.  
TOC 5600'.

NSL-3809

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 prevention if any.

24.

SIGNED

Brenda Coffman

TITLE

Production Analyst

DATE

Sept. 19, 1996

(This space for Federal or State office use)

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:

(ORIG. SGL.) ARMANDO A. LOPEZ

ADM, MINERALS

APPROVED BY

TITLE

DATE

11/22/96

\*See Instructions On Reverse Side