

Form 3160-3
(July 1992)

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1 S. 1st ST.
UNITED STATES
10-2834

SUBMIT IN "PLICATE"
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

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. 147380 (GORDON BARKER)

3. ADDRESS AND TELEPHONE NO.

1100 ARCO BUILDING 600 N MERINFELD MIDLAND, TEXAS 79701

Phone 915-683-2534

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

At surface

1650' FNL & 1980' FEL SEC 7 T22S-R26E EDDY CO. NEW MEXICO

At proposed prod. zone

Unit G

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

5 miles West of Carlsbad New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

160

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.

NA

19. PROPOSED DEPTH

7050

20. ROTARY OR CABLE TOOLS

Rotary

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

3678' 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
17 1/2"	J-55 13 3/8"	54.5	250'	300 Sx. Circulate to surface
12 1/4"	J-55 8 5/8"	24	2550'	850 Sx. Circulate to surface
7 7/8"	N-80 5 1/2"	17	7050'	500 Sx. Top of cement 2450'

1. Drill 17 1/2" hole to 250'. Run and set 250' of 13 3/8" J-55 54.5# ST&C casing, cement with 300 Sx. Class "C" + 2% CaCl = 1/4# flocele/Sx. Circulate cement to surface.
2. Drill 12 1/4" hole to 2550'. Run and set 2550' of 8 5/8" J-55 24# ST&C casing, cement with 550 Sx. Halco Light +2% CaCl = 1/4# flocele/ Sx. , tail in with 300 Sx. Class "C" + 1% CaCl + 5% salt. Circulate cement to surface.
3. Drill 7 7/8" hole to 7050'. Run and set 7050' of 5 1/2" N-80 17# LT&C casing cement with 500 Sx. Halco Light + 5% salt + 1/4# flocele/Sx. Top of cement 2500' from surface.

Post ID-1
3-15-96

New Loc + API

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

John J. Jarama

TITLE

Agent

DATE

01/29/96

(This space for Federal or State office use)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
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 apply for extensions thereon.

CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.)

DO L. MANUS

APPROVED BY

TITLE

DATE

3-4-96

*See Instructions On Reverse Side