

Form 3160-3
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(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 ☐

JUN 11 1997

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
BORE ☐

MULTIPLE
BORE ☐

2. NAME OF OPERATOR

PENWELL ENERGY INC. 147380 (BILL PIERCE)

Phone 915-683-2534

3. ADDRESS AND TELEPHONE NO

1100 ARCO BUILDING 600 N MERINFELD MIDLAND, TEXAS 79701

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

At surface
660' FSL & 660' FWL SEC 14 T24S-R29E EDDY CO. NEW MEXICO
At proposed prod. bore SAME

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

Approximately 7 miles East of Malaga New Mexico

10. DISTANCE FROM PROPOSED*

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

660'

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.

1320'

19. PROPOSED DEPTH

8350'

20. ROTARY OR CABLE TOOLS

ROTARY

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

2953' 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 Pipe	.25" Thick	40'	Cement to surface/Redi-mix
17 1/2"	H-40 13 3/8"	48	350'	250 Sx. circulate to surface
12 1/4"	J-55 8 5/8"	32	3100'	500 Sx. circulate to surface
7 7/8"	N-80 J-55 5 1/2"	17	8350'	Estimated top cement 5500'

1. Drill 25" hole to 40'. Cement 20" conductor pipe at 40' cement to surface with Redi-mix.

2. Drill 17 1/2" hole to 350'. Run and set 350' of 13 3/8" 48# H-40 casing. Cement with 150 Sx. Class "C" + 1/2# flocele/Sx + 5# gilsonite/Sx + 2% CaCl, tail in with 100 Sx Class "C" + 3% CaCl Circulate cement to surface.

3. Drill 12 1/4" hole to 3100'. Run and set 3100' of 8 5/8" 32# J-55 8-R ST&C casing. Cement with 300 Sx Class "C" light + 1/2# flocele/Sx, + 5# gilsonite/Sx + 8% salt, tail in with 200 Sx. Class "C" + 2% CaCl, circulate cement to surface.

4. Drill 7 7/8" hole to 8350'. Run and set 8350' of 5 1/2" casing as follows: 2900' of N-80 17# LT&C, 4800' of J-55 17# LT&C, 750' of N-80 17# LT&C casing. Cement with 600 Sx. Class "H" + 8% salt + .6% Halad 322 + .6% Halad 344. Estimated top cement 5500'

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

DATE 03/21/97

(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 SGD.) TONY L. FERGUSON

ADM, MINERALS

APPROVED BY

TITLE

DATE

6-10-97