

Form 3160-3
(July 1992)

OIL CONSERVATION DIV
811 S. 1st ST.
ALBUQUERQUE, NM 87102

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

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

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. (GORDON BARKER) Ph. 915-683-2534

3. ADDRESS AND TELEPHONE NO.

1100 ARCO BUILDING 600 N. MARIENFELD

MIDLAND, TEXAS 79701 Ph. 915-683-2534

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

At surface 660' FNL & 1650' FWL SEC. 14 T24S-R29E EDDY CO. NEW MEXICO

At proposed prod. zone Same

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. 660'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED. 1320'

OR APPLIED FOR, ON THIS LEASE, FT.

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

2942' GR.

12. COUNTY OR PARISH

Eddy Co.

13. STATE

NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

9100'

20. ROTARY OR CABLE TOOLS

Rotary

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
26"	Conductor 20"	NA	40'	Cement/Redimix to surface
17 1/2"	H-40 13 3/8"	48	350' 250'	250 Sx. Circulate to surface
12 1/4"	J-55 9 5/8"	36	3100'	500 Sx. Circulate cement to surface
7 7/8"	N-80, J-55 5 1/2"	17	9100'	600 Sx. Estimate top of cement 5600'

1. Drill 26" hole to 40". Cement 40' of 20" conductor pipe with Redimix to surface.

2. Drill 17 1/2" hole to 250'. Run and set 250' of 13 3/8" 48# H-40 ST&C casing. Cement with 150 Sx. Class "C" + 1/2# flocele + 5# Gilsonite/Sx. 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 9 5/8" 36# 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 9100'. Run and set 9100' 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 casing. Cement with 600 Sx. Class "H" + 8% Salt + .6% Halad 322 + .6% Halad 344. Estimate top of cement 5600'.

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

Joe T. Janice

TITLE Agent

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE 03/22/96

Approval Subject to
General Requirements and
Special Stipulations
Attached

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 RICHARD L. MANUS

TITLE

DEPT. MANAGER

DATE

*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 a false statement or representation as to any matter within its jurisdiction.