

Form 3160-3
(July 1992)

611 S. 1ST ST.
ARTESIA, NM 88210-2834

SUBMIT 1. REPLICATE*
(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. 147380 (BILL PIERCS) 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

1980' FNL & 1980' FWL SEC. 1 T24S-R30E EDDY CO. NM

At proposed prod. zone SAME

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

Approximately 16 miles East of Loving New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

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.

NA

19. PROPOSED DEPTH

8100'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3443' GR.

22. APPROX. DATE WORK WILL START*

WHEN APPROVED

23. SECRETARY'S POTASH

R-111-P POTASH

CARLSBAD CONTROLLED WATER BASIN

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
17½"	H-40 13 3/8"	48	600' 550' R.P.H.	500 Sx. circulate cement
12½"	J-55 8 5/8"	32	4050'	1400 Sx. " "
7 7/8"	J-55 5½"	15.5 & 17	8100'	1050 Sx. estimate top 3700'

1. Drill 25" hole to 40' & set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 550'. Run and set 550' of 13 3/8" H-40 48# ST&C casing. Cement with 250 Sx. of Light cement + additives, tail in with 250 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12½" hole to 4050'. Run and set 4050' of 8 5/8" J-55 32# ST&C casing. Cement with 1400 Sx. of Light cement + additives, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 8100'. Run and set 8100' of 5½" J-55 15.5 & 17 # ST&C casing. Cement in two stages, DV tool at 6700'±. 1st stage cement with 250 Sx. of Light cement + additives tail in with 100 Sx. of Class "H" cement. 2nd stage cement with 500 Sx. of Class "C", tail in with 150 Sx. Class "H" cement to 3700'.

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 program, if any.

24.

SIGNED East Janina TITLE Agent

DATE 02/14/98

(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:

APPROVED BY H. M. J. Chavez TITLE STATE Director DATE 4-1-98

*See Instructions On Reverse Side