

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ARTESIA, New Mexico

250

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.

(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

1780' FSL & 660' FWL SEC. 17 T19S-R31E EDDY CO. NM
At proposed prod. zone SAME

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

Approximately 12 miles Southeast of Loco Hills New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

12,500'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3425' GR.

22. APPROX. DATE WORK WILL START*

WHEN APPROVED

23.

PROPOSED CASING AND CEMENTING PROGRAM

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	450'	450 Sx. Circulate cement
12¼"	J-55 9 5/8"	36	3000'	950 Sx " "
8 3/4"	S-95 & N-80 5½"	17	12,500'	1400 Sx. Estimate top C 6000'

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix
2. Drill 17½" hole to 450'. Run and set 450' of 13 3/8" H-40 48# ST&C casing. Cement with 450 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12¼" hole to 3000'. Run and set 3000' of 9 5/8" J-55 36# ST&C casing. Cement with 650 Sx. of Class "C" Halco Light + additives, tail in with 300 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
4. Drill 8 3/4" hole to 12,500'. Run and set 12,500' of 5½" casing as follows: 2400' of 5½" S-95 17# LT&C, 9000' of N-80 17# LT&C, 1000' of N-80 17# Buttress. Cement with 1000 Sx. of Class "H" Halco Light + additives, tail in with 400 Sx. of Class "H" 50/50 POZ. Estimate top of cement 6000'.

2500'

Post FP-1
3-6-98
API + Loc

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 01/15/98

(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 (ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

ADM. MINERALS

DATE

2/17/98

*See Instructions On Reverse Side