

UNITED STATES NM 88210-2834

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

OCT 24 1996

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Penwell Energy, Inc.

147380 OIL CON. DIV.

3. ADDRESS AND TELEPHONE NO.

600 N. Marienfeld, Ste. 1100, Midland, Texas 79701

DIST. 2

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

At surface

1980' FNL & 1980' FEL

At proposed prod. zone

1980' FNL & 1980' FEL

Unit 6

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.
(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.

19. PROPOSED DEPTH

8500'

20. ROTARY OR CABLE TOOLS

0-8500' Rotary

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

2967 GR

22. APPROX. DATE WORK WILL START*

October 20, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8	48#	350'	250 sx. - Circ. to surface.
12 1/4"	J-55 9 5/8	36#	3100'	500 sx. - Circ. to surface
7 7/8"	N-80, J-55 5 1/2"	17#	8500'	600 sx. Est. TOC 5600'

1. Drill 17 1/2" hole to 350'. Run & set 350' of 13 3/8" 48#, H-40 ST&C casing. Cement w/150 sx. Cl. "C" + 1/4# flocele + 5# Gilsonite/sx. + 2% CaCl, tail in with 100 sx. Cl. "C" + 3% CaCl. Circ. cmt. to surf.
2. Drill 12 1/4" hole to 3100'. Run and set 3100' of 9 5/8" 36#, J-55, 8rd ST&C casing. Cmt. w/300 sx. Cl. "C" light + 1/4# flocele/sx % Gilsonite per sx + 8% salt, Tail in with 200 sx. Cl. C + 2% CaCl. Circ. to surf.
3. Drill 7 7/8" hole to 8500'. Run and set 8500' 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 csg.
Cmt. w/600 sx. Cl. "H" + 8% salt + .6% Halad 322 + .6% Halad 344. Est
TOC 5600'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present production 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

Brenda Coffman

TITLE Production Analyst

DATE Sept 11, 1996

(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.) RICHARD L. MANUS

Area Manager

APPROVED BY

TITLE

DATE

OCT 23 1996

*See Instructions On Reverse Side