

N. M. Oil Cons. Division

811 S. 1ST ST

Form 3160-3
(July 1992)ARTESIA, NEW MEXICO
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT 4-30-97

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 PIERCE) OIL CON. DIV.

3. ADDRESS AND TELEPHONE NO.

600 NORTH MARIENFELD, SUITE 1100 Midland, Texas 79701

915-683-2534

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

At surface

1650' FNL & 1780' FEL SEC. 14 T24S-R29E EDDY CO. NM

At proposed prod. zone

Same

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

Approximately 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)

1650'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

200'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

7100'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

2971' GR.

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

CARLSBAD CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20" Conductor	NA	40'	Cement to surface with Redi-mix.
17 1/2"	H-40 13 3/8"	48	350'	300 Sx. circulate to surface
11"	J-55 8 5/8"	32	3100'	500 Sx. Circulate to surface
7 7/8"	J-55 5 1/2"	17	7100'	475 Sx. Top cement est 5000'

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe, cement to surface with Redi-mix.

2. Drill 17 1/2" hole to 350'. Run and set 350' of 13 3/8" H-40 48# ST&C casing. Cement with 200 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 11" hole to 3100'. Run and set 3100' of 8 5/8" J-55 32# ST&C casing. Cement with 300 Sx. Class "C" Light + 1/2# Flacele/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 7100'. Run and set 7100' of 5 1/2" J-55 17# LT&C casing. Cement with 475 Sx. Class "H" + 8% salt + .6% Halad 322 +.6% Halad 344. Estimate top of cement 5000'.

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

24.

SIGNED

Det Jencia

TITLE

Agent

DATE

04/29/97

(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:

APPROVED BY (ORIG. SGD.) TONY L. FERGUSON

TITLE

ADM, MINERALS

DATE

6-9-97

*See Instructions On Reverse Side

This permit is issued with full knowledge of the facts and circumstances and is subject to the terms and conditions of the permit and the laws and regulations of the State of New Mexico.

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