

Form 3160-3
(July 1992)

M. OIL CON
D. BOX 198
OBBS NEW

OPER. OGRID NO. 142280
PROPERTY NO. 19604
POOL CODE 80120
EFFECT. DATE 6/20/96
BUREAU OF LAND IAPI NO. 30-025-33488

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

APPLICATION FOR PERMIT TO DRILL

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)

3. ADDRESS AND TELEPHONE NO.

Ph. 915-683-2534

1100 Arco Building, 600 N. Marinfeld Midland, Texas 79701

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

At surface

660' FNL & 2080' FEL SEC. 33 T21S-R33E

At proposed prod. zone Same

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

Approximately 23 miles west of Oil Center New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

640

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

15200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3665' GR.

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	NA	40'	Cement to surface with Redimix.
17 1/2"	J-55 13 3/8"	54.5	600'	650 Sx. Circulate to surface.
12 1/4"	J-55 9 5/8"	47 ^{53S}	5280'	1200 Sx. Circulate to surface.
8 1/2"	S-95 7 1/2"	29	12200'	540 Sx. Top of cement 12000' (TIE BACK)
P-110 4 1/2" 13.5 12000-15200'				

1. Drill 26" hole to 40' run 40' of 20" conductor cement to surface with Redimix.
2. Drill 17 1/2" hole to 600'. Run and set 600' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 650 Sx. Class "C" = 2% CaCl = 1/4# flocele/ Sx. Circulate cement to surface.
3. Drill 12 1/4" hole to 5280'. Run and set 5280' of 9 5/8" 47 ^{53S} N-80 LT&C casing. Cement with 1000 Sx. Nalco Light + 2% CaCl + 1/4# flocele/Sx., tail in with 200 Sx. Class "C" + 1% CaCl + 5% salt. Circulate cement to surface.
4. Drill 8 1/2" hole to 12200'. Run and set 12200' of 7 1/2" 29 ^{53S} S-95 LT&C casing. Cement with 540 Sx. 50/50 POZ + 2% Gel + 3% salt + .2% retarder. Top of cement 12000'

A-10598

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. Lucero

TITLE

Agent

DATE

02/02/96

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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

15/Gilbert J. Lucero

TITLE

Acting State Director

DATE

6-11-96

*See Instructions On Reverse Side