

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK ☒ DRILL ☐ DEEPEN

1b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR 147380
PENWELL ENERGY INC. (GORDON BARKER) Ph. 915-683-2534

3. ADDRESS AND TELEPHONE NO. 1100 ARCO BUILDING 600 N. MARIENFELD
MIDLAND, TEXAS 79701 Ph. 915-683-2534

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 660' FNL & 330' FWL SEC. 14 T24S-R29E EDDY CO. NM
At proposed prod. zone Same 480'

5. LEASE DESIGNATION AND SERIAL NO. NM-96222

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT ME

8. FARM OR LEASE NAME, WELL NO. 18817
Pre lda "14" Federal #1

9. API WELL NO. 30-615-28956

10. FIELD AND, POOL, OR WILDCAT. Bone Spring Pierre Crossing, East

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Sec. 14 T24S-R29E

12. COUNTY OR PARISH 13. STATE Eddy Co. NM

14. DISTANCE IN MILES FROM NEAREST TOWN OR POST OFFICE 7 miles East of Malaga New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, ST. (Also to nearest drg. well line, if any) 330'

16. NO. OF ACRES ASSIGNED TO THIS WELL 40

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. 1220'

19. OIL CON. DIV. DIST. 2

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2936' GR.

22. APPROX. DATE WORK WILL START* As soon as approved

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	Conductor 20"	NA	40'	Cement/Redimix to surface
17 1/2"	H-40 13 3/8"	48	350'	250 Sx. Circulate to surface
12 1/4"	J-55 9 5/8"	36	3100'	500 Sx. Circulate cement to surface
7 7/8"	N-80 5 1/2"	17	9100'	600 Sx. Estimate top of cement 5600

1. Drill 26" hole to 40". Cement 40' of 20" conductor pipe with Redimix to surface.
2. Drill 17 1/2" hole to 350'. Run and set 350' of 13 3/8" 48# H-40 ST&C casing. Cement with 150 Sx. Class "C" + 1/2# flocele + 5# Gilsonite/Sx. + 2% CaCl, tail in with 100 Sx. Class "C" + 3% CaCl. Circulate cement to surface.
3. Drill 12 1/4" hole to 3100'. Run and set 3100' of 9 5/8" 36# J-55 8-R ST&C casing. Cement with 300 Sx. Class "C" light + 1/2# flocele/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 9100'. Run and set 9100' 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 casing. Cement with 600 Sx. Class "H" + 8% Salt + .6% Halad 322 + .6% Halad 344. Estimate top of cement 5600'.

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.

SIGNED Jose T. Garcia TITLE Agent DATE 03/14/96

(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:

/s/ Yolanda Vega

ASSISTANT AREA MANAGER

APPROVED BY DATE

*See Instructions On Reverse Side