

UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY
RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM-2593

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ed Powell Federal

9. WELL NO.

2

10. FIELD DESIGNATION
Leonard Queen South11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 18-T26S-R38E

12. COUNTY OR PARISH 13. STATE

Lea

NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 S. 4th, Artesia, NM 88210

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

At surface

330' FNL and 330' FWL

At proposed prod. zone

same

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

14 miles SE of Jal, New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

18. DISTANCE FROM PROPOSED LOCATION*

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

330'

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

4700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3005' GL

22. APPROX. DATE WORK WILL START*

ASAP

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# J-55	appr. 400'	350 sx - circulate
7 7/8"	5 1/2"	14# J-55	TD	900 sx - circulate

Propose to drill and test the San Andres and intermediate formations. Approximately 400' of surface casing will be set and cemented to the surface. If commercial, will run 5 1/2" casing and circulate cement. Will perforate and stimulate as needed for production.

MUD PROGRAM: FW gel/LCM to 400', Brine and brine gel w/starch to TD.

BOP PROGRAM: BOP's will be installed on 8 5/8" casing and tested.

ON ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

24

SIGNED



TITLE Regulatory Agent

DATE 12/20/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE 'Orig. Sgd.' Earl R. Cunningham

DATE

CONDITIONS OF APPROVAL, IF ANY:

District Manager

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

11-11-84
11-11-84
11-11-84
11-11-84

RECEIVED
FEB 17 1984
G. G. G.
FEB 17 1984