

Draw DD

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ARTICLE 16

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

30-015-24023

5. LEASE DESIGNATION AND SERIAL NO.

NM-0441778-18321 RECEIVED
and BLM-065347

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME DEC 11 1981

8. FARM OR LEASE NAME

Exxon Federal Office

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

x White City Penn.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 17, T24S, R26E

12. COUNTY OR PARISH 13. STATE

Eddy New Mexico

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

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

C & K Petroleum, Inc. ✓

3. ADDRESS OF OPERATOR

P.O. Drawer 3546, Midland, TX 79702

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

At surface

1650 from South line & 2310 from East line

At proposed prod. zone

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

15-1/2 miles Southwest from Carlsbad

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

1650'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

640 (2 wells)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2000'

19. PROPOSED DEPTH

12,000

20. ROTARY OR CABLE TOOLS

Rotary

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

3434.8 GR

22. APPROX. DATE WORK WILL START*

12-1-81

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#, H-40	450	400 sx CIRCULATE
12-1/4	8-5/8	24, 28, 32#	5500	2000 sx CIRCULATE
7-7/8	5-1/2	17#	12000	600 sx

We propose to drill this well to 12,000' or to a depth sufficient to test the Morrow formation. The surface formation is believed to be quaternary alluvium on Permian Ochoan rocks and estimated tops of important geologic markers are as follows:

Bone Spring	5480	Strawn	10370	Barnett	11935
Wolfcamp	8515	Morrow	11130		

We expect to encounter gas at 11500-900.

One DST will be run in the Morrow and we will run open hole logs from 0 to TD, CAVL & Guard logs.

Abnormal pressure may be encountered in the Morrow.

Refer to Exhibit "E" for a schematic diagram of blowout equipment.

Refer to Exhibit "F" for mud program.

GAS IS DEDICATED.

IN 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 preventer program, if any.

24.

SIGNED

K. Lunelle Zeck

TITLE Administrative Supervisor

DATE 11/18/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED
AS AMENDED

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF

DEC 10 1981

TITLE

DATE

JAMES A. GILLHAM

DISTRICT SUPERVISOR

*See Instructions On Reverse Side