

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM SUBMIT IN TR
Draw (Other Instruc
Revers NM de)
CATE*
8610Form approved.
Budget Bureau No. 42-R1425

30-013-24023

SF/file

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

RECEIVED

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

C & K Petroleum, Inc.

3. ADDRESS OF OPERATOR

P. O. Drawer 3546, Midland, Texas 79702

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

At surface

1400' FSL and 1650' FEL

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)

1400'

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.

2500'

19. PROPOSED DEPTH

12,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3430' GL

22. APPROX. DATE WORK WILL START*

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 - 11	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	10,370'	Barnett	11,935'
Wolfcamp	8515'	Morrow	11,130'		

We expect to encounter gas at 11,500'-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 and to Exhibit "F" for a 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

Michael W. Gore

TITLE

DRILLING SUPERINTENDENT

DATE

6-18-82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

(Orig. Sgd.) GEORGE H. STEWART

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUL 9 1982

APPROVAL FOR NON-STD LOC

JAMES A. CILHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

*Partial ID-1
Amended Loc.
7-16-82*