

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22176

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM-25493

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 7

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Indian Basin (Morrow)

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

7, T-21-S, R-24-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

420 Wall Towers West, Midland, Texas 79701

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

At surface 1650' FN&EL, Sec. 7, 21-S, 24-E, Eddy County, NM

At proposed prod. zone Morrow

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

15 miles NW

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

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

None

19. PROPOSED DEPTH

10,200

20. ROTARY OR CABLE TOOLS

Rotary

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

3813 GR

22. APPROX. DATE WORK WILL START*

June 10

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	42 #	350	450 sx.
12 1/4	8 5/8	24 & 32	3500	1200 sx.
7 7/8	4 1/2	Mixed wts.	10,200	575 sx.

1. Drill 17 1/2" hole to 350' and set 350' of 13 3/8" casing. Cement with 450 sx. circulated to surface.
2. Drill out with 12 1/4" bit to 3500' and set 8 5/8" casing at 3500'. Cement casing with 1200 sx. circulate to surface.
3. Drill out with 7 7/8" bit to Morrow formation at 10,200'. If logs and testing warrant, run 4 1/2" casing to TD cemented with 575 sx.
4. Attached is schematic of contractor's BOP equipment.

GAS SALES NOT 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

R. C. Ward

TITLE

Div. Production Manager

DATE

5/3/77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 6 - 1977

APPROVED BY

Lee S. Lora

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 6 - 1977

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY USGS IN SUFFICIENT TIME TO

WITNESS CEMENTING THE 8 5/8" CASING

DECLARED WATER BASIN

CEMENT BEHIND THE 8 5/8" CASING MUST BE CIRCULATED

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS,
EXPIRES SEP 6 - 1977

*See Instructions On Reverse Side