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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUN 14 1972



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
 Continental Oil Company

3. ADDRESS OF OPERATOR
 152 North Durbin, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 At proposed prod. zone NW SE 2262' FSL, 1670' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8202' GR

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)
 1178

16. NO. OF ACRES IN LEASE
 1178

17. NO. OF ACRES ASSIGNED TO THIS WELL
 1178

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 805'

19. PROPOSED DEPTH
 805'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8202' GR

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
 Federal Denver 028963

6. IS INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Mc Callum Unit

8. FARM OR LEASE NAME

9. WELL NO.
 56

10. FIELD AND POOL, OR WILDCAT
 Mc Callum - Pierre

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
 Sec. 2, T9N, R79W

12. COUNTY OR PARISH
 Jackson

13. STATE
 Colorado

23. 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#	120'	100 sacks Class "G"
7 7/8"	4 1/2"	10.5#	805'	240 sacks Class "G"

We propose to drill and equip this well to an approximate depth of 805' to test the Pierre sand for commercial production. 8 5/8" OD surface casing will be set and cemented as shown above.

A 7 7/8" hole will be drilled from 120' to total depth. If production is found in commercial quantities, a 4 1/2" OD long string will be set through the pay zone and cemented as shown above. No cores or DST's are planned at this time. The well will be equipped with a blowout preventer that will be tested daily.

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. Original Signed By: J A VBBEN TITLE Administrative Supervisor DATE 6-13-72

(This space for Federal or State office use)
 PERMIT NO. 72 445 APPROVAL DATE JUN 14 1972
 APPROVED BY: DV [Signature] TITLE DIRECTOR DATE JUN 14 1972
 CONDITIONS OF APPROVAL, IF ANY: [Signature]

72-445

USGS(3) CO&GC(2) File(2)

*See Instructions On Reverse Side

API Well No. 05 057 6037