

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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FEB 22 1979

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 N. Durbin, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1000' FSL, 700' FWL (SW SW)
 At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
 6185' PBDT

20. ROTARY OR CABLE TOOLS
 None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8261' GR

22. APPROX. DATE WORK WILL START*P

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	9 5/8"	36 # K-55	310'	375 sacks Class "G"
8 3/4"	5 1/2"	15.5 #, 14 #	6292'	330 sacks Class "G"

DVR
JSP
HHM
JAM
JJD
RLS
CGM

It is proposed to abandon the Lakota reservoir and recomplete this well in the Frontier formation. The procedure consists of: 1) 5 1/2" cast iron bridge plug set at 6185' and spotted with one sack of Class "G" cement. 2) Perforate the Frontier from 5507-5514' with 4 JSPF. 3) Swab test one day to determine productivity (fluid will be contained in frac tank and hauled by truck from location). 4) Fracturing the Frontier formation with 38500 lbs. of 20-40 mesh sand and 627 barrels of frac fluid (consisting of 2% KCL, 30 lbs./1,000 gals. J-10 gelling agent, 2 gals./1,000 gals. aqua flow surfactant, 1 lb./1,000 gals. B-11 breaker, and specified quantities of adomite aqua fluid loss additive.)

No further surface area will be disturbed.

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 J.C. Thompson TITLE Admin. Supervisor DATE February 8, 1979

(This space for Federal or State office use)

PERMIT NO. 74-392 APPROVAL DATE FEB 23 1979
 APPROVED BY [Signature] TITLE DIRECTOR
 CONDITIONS OF APPROVAL, IF ANY:

USGS(3) COGCC(2) FILE

*See



A.P.I. NUMBER
05 057 6104

Attachment Form 9-331 C

RECEIVED

MAY 31 1974

COLORADO OIL & GAS CONS. COMM.

1. Surface casing - 9 5/8", 36#, K-55, ST&C, New
2. Casing head - 9 5/8" x 5 1/2" x 2 7/8", 3000# WP or equivalent
3. Intermediate casing - none
4. Blowout preventer - description will follow
5. Auxiliary equipment - description will follow
6. Bottom hole pressure - 25000#
7. Drilling fluid - water base mud



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