

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

00265472

APPLICATION
FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE

5. LEASE DESIGNATION AND SERIAL NO.

C-26904

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
South McCallum

8. FARM OR LEASE NAME

South McCallum

9. WELL NO.

50

10. FIELD AND POOL OR WILDCAT

South McCallum

11. QTR. QTR. SEC. T.R. AND MERIDIAN

(SW/SW) Sec. 8, T9N, R78W
6th P.M.

12. COUNTY

Jackson

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐RE-ENTER ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2.

OPERATOR: Conoco Inc.

ADDRESS: 800 Werner Ct.

CITY: Casper

STATE: WY

ZIP: 82601

3. PHONE NO.

(307)
261-7800

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

At surface 185' FSL, 205' FWL, (SW/SW)

At proposed Prod. zone 2,846' FNL, 1,955' FWL, Sec. 17

13. DISTANCE, IF LESS THAN 200 FT. FROM ANY OCCUPIED BLDG. PUBLIC ROAD, ABOVE GROUND UTILITY LINE OR RAILROAD (SHOW FOOTAGES ON SURVEY PLAT)

N/A

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any) 1,955'

15. NO. OF ACRES IN LEASE*

281.29

16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL

N/A

17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 454' N, 25' W

18. PROPOSED DEPTH

4,900'

19. OBJECTIVE FORMATION

Niobrara

20. ELEVATIONS (Show whether GR or KB)

8,145' GR

21. DRILLING CONTRACTOR

SST No. 57

PHONE NO.

(307) 235-3529

22. APPROX. DATE WORK WILL START

8-1-91

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"	54.5#/Ft.	500'	600 Sacks
12-1/4"	9-5/8"	40#/Ft.	4,200'	750 sacks lead, 175 sack tail
8-1/2"	5-1/2"	14#/Ft.	7,650'	No Cement

24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES ☐ NO ☒If NOT surface bond must be on file or copy of surface agreement must be furnished.
If irrigated land, surface bond of \$5000 is required.

PLEASE FILL IN APPROPRIATE CODES:

OPER. NO. _____

DRLR. NO. _____

FIELD NO. _____

LEASE NO. _____

FORM CD. _____

*DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., RNG.

(SW/SW) Sec. 8, T9N, R78W

RECEIVED

SEP 30 1991

COGCC(3); BLM-Craig(2); BWG; JKH; Well File

COLO. OIL & GAS CONS. COMM.

25.

PRINT Truman C. ThompsonSIGNED Truman C. Thompson TITLE Administrative Supervisor DATE 9/23/91

(This space for Federal or State Use)

PERMIT NO. 91-612APPROVAL DATE 10/30/91

EXPIRATION DATE _____

APPROVED BY Dr. Buckner TITLE DirectorDATE 10/30/91

CONDITIONS OF APPROVAL, IF ANY:

Oil & Gas. Conserv. Comm.

A.P.I. NUMBER

05-057-6364 -1

See Instructions On Reverse Side

Attachment to Form 2
South McCallum Unit No. 50

Problems encountered due to poor geological control necessitated the drilling of a vertical hole to accurately locate our intended target zone. The top of the Niobrara was found at 4,055' MD (4,038' TVD) and the resistive target zone at 4,280' MD (4,260' TVD). The well was drilled to a total depth of 4,360' MD, logged and plugged back. Two plugs were set. The first from 4,347' - 4,098', and the second from 3,906' - 3,560'.

The current plan calls for kicking off the plug at 3,711' and drilling to the top of the Niobrara, where the 9-5/8" casing will be set. With data obtained from the FMS log, the projected azimuth of the well has been changed from 150 degrees to 120 degrees, giving an anticipated target depth of 4,367' MD (4,190' TVD).

Please note the new diagrams reflect the bottom hole location of the kick-off point as calculated from the multishot survey (210' departure).

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SEP 30 1991

COLO. OIL & GAS CONSV. COMM.

A.P.I. NUMBER

02-027-8384-1