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SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 2 1975

5. LEASE DESIGNATION AND SERIAL NO.
Colorado 4309

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McCallum-Federal

9. WELL NO.

1-19

10. FIELD AND POOL, OR WILDCAT

McCallum11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA**19-T9N-R78W**

12. COUNTY OR PARISH

Jackson13. STATE
Colorado

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

Helmerich & Payne, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 558, Garden City, Kansas 678464. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface**634' FNL & 2162' FWL Sec 19, T9N, R78W 6 P.M.**
At proposed prod. zone
Same as above.

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

Approximately 4 miles east and 3/4 mile north of Walden, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)**634'**

16. NO. OF ACRES IN LEASE

2104.04 Ac.17. NO. OF ACRES ASSIGNED
TO THIS WELL**40 Ac.**18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.**None**

19. PROPOSED DEPTH

7000'

20. ROTARY OR CABLE TOOLS

Rotary tools

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

GR 8319'

22. APPROX. DATE WORK WILL START*

July 20, 1975

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"	23# Foster	300'	275 sacks
7-7/8"	5 1/2"	14# K-55	0-5200'	250 Sacks
7-7/8"	5 1/2"	15.5# K-55	5200'-7000'	

Casingheads, flanges and spools to be 3000 psi W.P. and 6000 psi test.
BOP to be 3000 psi W.P. - See drawing attached to 7 point safety equipment plan.

DVR	
FJP	
HHM	
JAM	<input checked="" type="checkbox"/>
JJD	<input checked="" type="checkbox"/>
GCH	
CGM	

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

Tom Carroll

TITLE

District Production Supt.

DATE

6-25-75

(This space for Federal or State office use)

PERMIT NO.

75 572

APPROVAL DATE

DIRECTOR

APPROVED BY

W. Rogers

TITLE

DATE

JUL 3 1975

CONDITIONS OF APPROVAL, IF ANY:



00272402

*See Instructions On Reverse Side

A.P.I. NUMBER

05 057 6122

75-572