

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Gaulding Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 770, Farmington, New Mexico 87401

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

At surface

1750 From the West and 1150 from the North

At proposed prod. zone

Same

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

35 miles Southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

3130

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2530

16. NO. OF ACRES IN LEASE

1760

19. PROPOSED DEPTH

3250

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6617 Gr.

22. APPROX. DATE WORK WILL START*

May 20, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	8 5/8"	24	100	Sufficient to circulate
7 7/8"	5 1/2"	10.5	3250	425 sacks

Surface formation same as above. No abnormal pressure or temperature anticipated.

It is proposed to drill well to 3250' using gel based 9# mud. Drill pipe float will be used with float installed at bit. An induction log will be run providing hole conditions permit while in open hole, if not induction log will be run in pipe.

Run 4 1/2" H-40, 10.5# casing will be cemented at TD with 325 sacks 50-50 pos containing 10# gel per sack, followed by 100 sacks Neat cement.

Casing will have rotating scrubbers and centralizers through Pictured Cliffs Zone.

Run 1" 10 rd thd. J-55 NU tubing will be run to top of Pictured Cliffs perforation.

A Shaffer 3" Model LNP, 6000# test, 3000# WP Blowout Preventor will be in use at all times while drilling below 100'. Blowout Preventor will be tested at least once during each 24 hour day.

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

Charles E. Dargatzis

TITLE

Superintendent

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

30-039-21358

5. LEASE DESIGNATION AND SERIAL NO.

NM 03554

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Broech "C"

9. WELL NO.

246

10. FIELD AND POOL, OR WILDCAT

South Blanco PICTURED CLIFFS

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

Section 13 26N 6W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico