

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

Caulkins Oil Company

## 3. ADDRESS OF OPERATOR

Post Office Box 780, Farmington, New Mexico

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

At surface

830 from the North and 330 from the East

At proposed prod. zone

Same

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

30 Miles Southeast of Blanco, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

330

## 16. NO. OF ACRES IN LEASE

2400

17. NO. OF ACRES ASSIGNED  
TO THIS WELL.

E/320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

2500

## 19. PROPOSED DEPTH

7350

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6384 Gr.

## 22. APPROX. DATE WORK WILL START\*

Feb. 1, 1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	300	Sufficient to circulate
8 3/4"	7"	23 & 26#	7350	1500 sacks

Surface formation San Jose. No abnormal pressure or temperature anticipated.

It is proposed to drill well to 7350 using 9# ± Gel based mud. Float will be run in Drill Pipe at Bit. ES Ind., Density and Caliper logs will be run in open hole.

New 7" 23# & 26# J-55 Smls Casing will be cemented at TD with sufficient cement to circulate to surface. Pipe will be cemented in 3 stages. Casing will have rotating scratchers over Pictured Cliffs, Chacra, Mesa Verde and Dakota Zones. Stage tools will be run below base of Point Lookout and below base of Pictured Cliffs sands. Centralizers and cement baskets will also be run on casing thru pay zones.

A Shaffer 10" Model LWP, 6000# test blowout preventor will be in use at all times while drilling and cementing. Blowout preventor will be tested each day

It is proposed to run New 2 3/8" tubing to Dakota zone with packer set between Mesa Verde zone and Dakota Zone. (over)

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. Ingram*

TITLE

Superintendent

DATE

Oct. 26, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*OK*

\*See Instructions On Reverse Side