

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

P.O. Box 40, Bloomfield, New Mexico

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

At surface

660 from the North and 1980 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)

660'

16. NO. OF ACRES IN LEASE

2400

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

330'

19. PROPOSED DEPTH

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

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

6493 DF

22. APPROX. DATE WORK WILL START\*

April 1, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Present Condition:  
TD-6677'

7" 23# J-55 8rd at 6620' cemented with 200 sacks. Cement top 5215'. Open hole 6620 to 6677'. Abandoned as Tocito producer 8-1-68. Well has been temporary abandoned 8-1-68 to date. July 11, 1975 application to plug back and recomplete Gallup zone was approved. We request this application be canceled. It is now proposed to plug back and recomplete in Mesa Verde and Chacra zones as follows:

Cement plug will be spotted over tocito and up 100' into 7" casing. 9# mud will be spotted in 7" casing 6520' to 5600'.

7" casing will be perforated at 5210' then cemented thru perforations to top of Alamo sand. Mesa Verde and Chacra zones will be Perforated and fractured to stimulate production. It is proposed to commingle production in wellbore subject to approval by New Mexico Oil conservation Commission.

Blow out preventor will be used while plugging back, cementing and recompletion.

A pit 20 X 20 X 4' deep on existing location will be required to contain frac water while completing and testing well. After completion pit will be covered and location resceded to within 5' of all facilities with BLM approved seeding program.

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. L. L. L.*

TITLE

Superintendent

DATE

10-28-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*OK*