

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 780, Farmington, New Mexico 87401

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

At surface

1925 from the South and 720 from the West.

At proposed prod. zone

## 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) 715

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 120'

## 16. NO. OF ACRES IN LEASE

2240

## 19. PROPOSED DEPTH

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

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

6668 DF.

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

Sept. 1, 1975

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

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

Present condition:

TD 6890-PBTD 6865 (3-26-63).

7" 23# J-55 8rd thd @ 6890. Cemented 1<sup>st</sup> stage thru shoe with 200 sacks.

Plug down 3-26-63.

2<sup>nd</sup> stage thru stage tool @ 5545' with 300 sacks. Plug down 3-27-63.

Abandoned as a Tocito producer 6-9-65. Well has been temporary abandoned 6-9-65 to date.

It is now proposed to plug back and test Chacra 3950-3980 and 4035 to 4060.

Cement plug will be spotted over perforations 6824 to 6864 and back up in 7" casing to 6750. Also 100' cement plug will be spotted in casing @ top of cliff house @ 4750.

Test 7" casing with 3000#. Perforate and frac Chacra zone as necessary to stimulate production.

A small pit on existing location will be required to contain frac water while cleaning well.

Administrative approval for unorthodox location has been applied for.

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. Vergen*

TITLE Superintendent

DATE 8-21-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

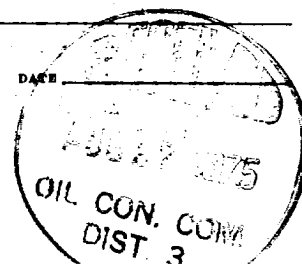
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Caulkins Oil Company</b>			Lease <b>Breach "E"</b>		Well No. <b>581</b>
Unit Letter <b>L</b>	Section <b>5</b>	Township <b>26 North</b>	Range <b>6 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
<b>1925</b> feet from the <b>South</b> line and		<b>720</b> feet from the <b>West</b> line			
Ground Level Elev. <b>6656</b>	Producing Formation <b>Chacra</b>	Pool <b>Otero-Chacra</b>		Dedicated Acreage: <b>160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes   ☐ No   If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Name: *Charles Dargatzis*  
Position: \_\_\_\_\_

**Superintendent**

Company: **Caulkins Oil Company**

Date: **8-21-75**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

**2-21-63**

Date Surveyed: **Ernest V. Echohawk**

Registered Professional Engineer  
and/or Land Surveyor

**3602**

Certificate No.