

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 350 from the North and 370 from the West

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 drlg. unit line, if any)

850

## 16. NO. OF ACRES IN LEASE

1920

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

2150

## 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.)

6604 Gr.

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

May 10, 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"	4 1/2"	10.5	3250	425 sacks

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

It is proposed to drill well to 3250' using gel based G<sup>1</sup>/<sub>2</sub> mud. Drill pipe float will be used with float installed at bit. ES Induction Log will be run providing hole conditions permit tools in open hole, if not Neutron Log will be run in pipe.

New 4 1/2" H-40, 10.5# casing will be cemented at TD with 325 sacks 50-50 pos containing 12# gel per sack, followed by 100 sacks neat cement.

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

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

A Shaffer 8" Model LMP, 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. Cargun*

TITLE

Superintendent

DATE

March 17, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

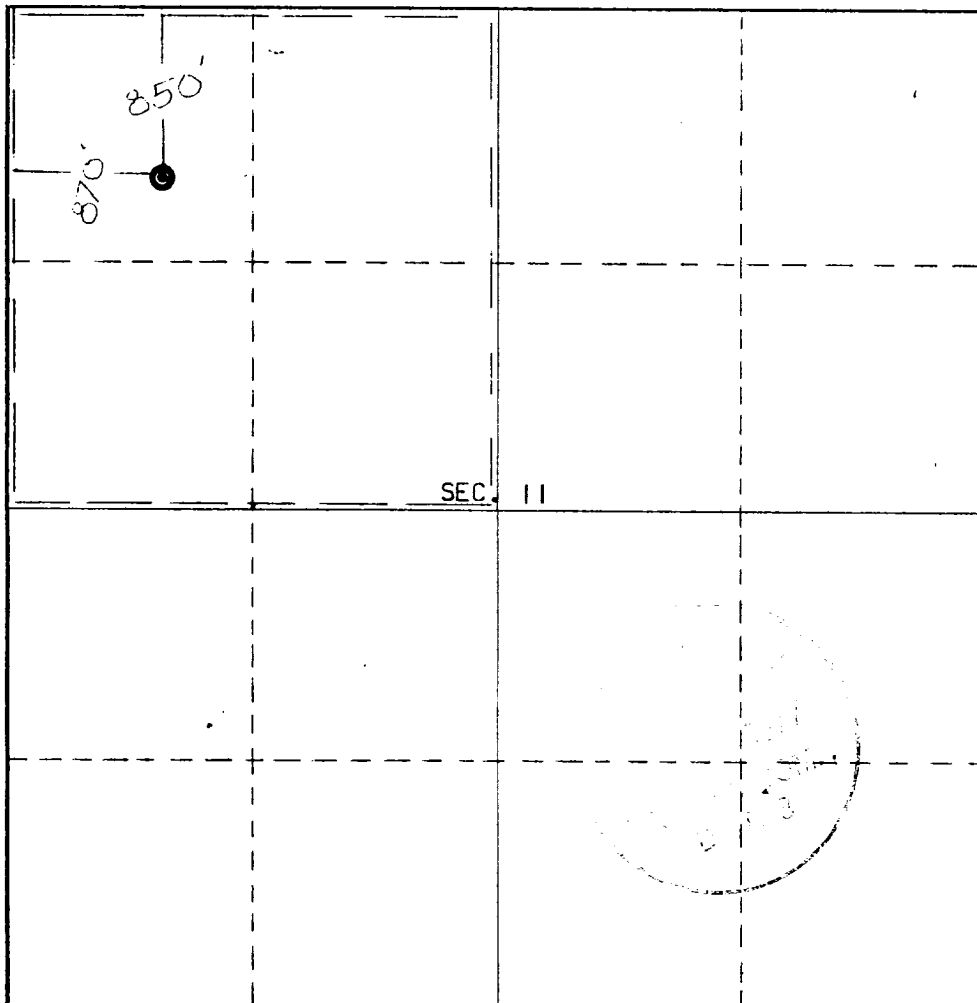
Operator <b>Caulkins Oil Company</b>			Lease <b>NM 03553</b>		Well No. <b>137</b>
Plot Letter <b>D</b>	Section <b>11</b>	Township <b>26 North</b>	Range <b>6 West</b>	County <b>Rio Arriba</b>	
Actual Plotage Location of Well:					
<b>850</b>	feet from the	<b>North</b>	line and	<b>870</b>	feet from the
Section Level Elev. <b>6604</b>		Producing Formation <b>Pictured Cliffs</b>		Pool <b>South Blanco</b>	Dedicated Acreage <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Vergara*

Position

Superintendent

Company

Caulkins Oil Co.

Date

March 17, 1977

REGISTERED LAND SURVEYOR  
No. 3602  
I hereby certify that the well location shown on this plat was plotted in the field by 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.

Date Surveyed

March 5, 1977

Registered Professional Engineer and/or Land Surveyor

*E.V. Echahawk*

Certificate No. 3602

E.V. Echahawk LS

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0