

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

1150 from the North and 790 from the East

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)

790

16. NO. OF ACRES IN LEASE

1920

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

150

19. PROPOSED DEPTH

3260

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6589 Gr.

22. APPROX. DATE WORK WILL START*

Apr. 16, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	100'	Sufficient to circulate
7 7/8"	4 1/2"	10.5#	3260'	425 sacks.

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

It is proposed to drill well to 3260' used 9# gel based mud. Drill pipe float will be run in drill string at bit. ES Ind. log will be run in open hole.

New 4 1/2" 10.5# H-40 casing will be cemented at TD with 325 sacks 50-50 pos followed by 100 sacks Neat cement.

Casing will have rotating scratchers and centralizers through PC zone.

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

A Shaffer 8" model LWP, 6000# test, 3000# WP blowout preventor will be in use at all time while drilling below 100'. Blowout preventor will be tested at least once each day.

Gas is dedicated

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. Dwyer

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:

Okaf

*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.

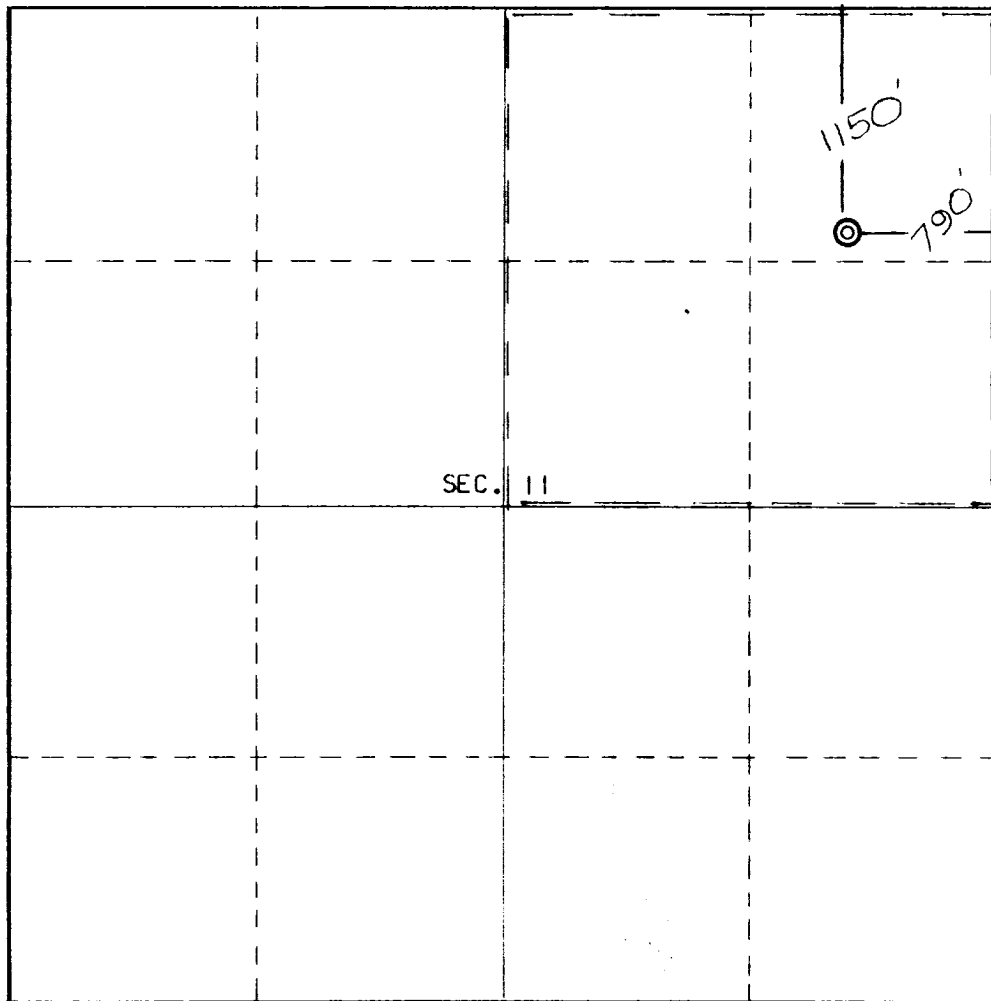
Operator Caulkins Oil Company			Lease NM 03553		Well No. 640
Unit Letter A	Section 11	Township 26 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 1150 feet from the North line and 790 feet from the East line.					
Ground Level Elev. 6589	Producing Formation Pictured Cliffs		Pool South Blanco		Dedicated Acreage: 160 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.

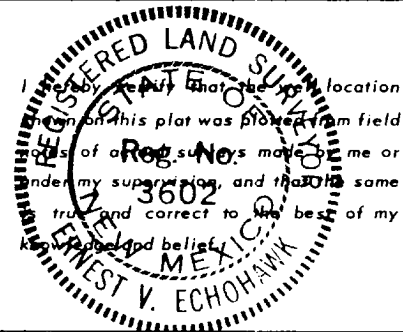


CERTIFICATION

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

Name *Charles E. Echowhawk*
Position
Superintendent
Company
Caulkins Oil Company

Date
Oct. 26, 1977



Date Surveyed
October 18, 1977

Registered Professional Engineer
and/or Land Surveyor

E.V. Echowhawk
Certificate No. **3602**
E.V. Echowhawk LS

