

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

790 from the North and 1130 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 drig. unit line, if any)

790

16. NO. OF ACRES IN LEASE

1760

18. DISTANCE FROM PROPOSED LOCATION*

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

2640

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.)

6626 Gr.

22. APPROX. DATE WORK WILL START*

May 15, 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 9% 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 LWP, 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. Vargas

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:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-64

All distances must be from the outer boundaries of the Section

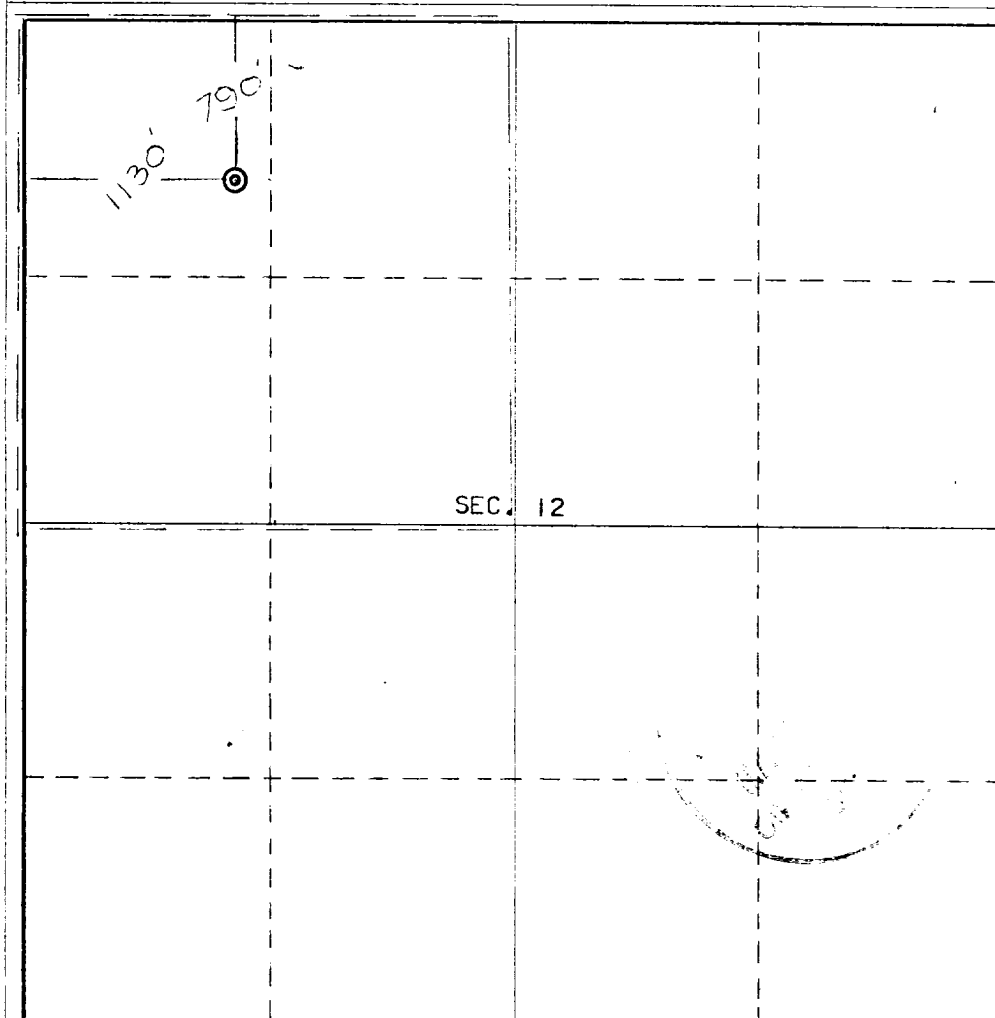
Operator Caulkins Oil Company			Lease NM 03554		Well No. 141
Section D	Section 12	Township 26 North	Range 6 West	County Rio Arriba	
Actual Well Location of Well:					
790	feet from the	North	line and	1130	feet from the
				West	line
Recorded Elev. 6066	Producing Formation Pictured Cliffs		Pool South Blanco	Dedicated Acreage 160	

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 E. Echowhawk

Position
Superintendent

Company
Caulkins Oil Co.

Date
March 17, 1977

REGISTERED PROFESSIONAL LAND SURVEYOR
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 the best correct to the best of my knowledge and belief.

Date Surveyed
March 6, 1977

Registered Professional Engineer and/or Land Surveyor

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