

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

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

At surface

A 930' from the North and 930' from the East lines

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)

930

16. NO. OF ACRES IN LEASE

1760

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

100'

19. PROPOSED DEPTH

3215

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

6616 Gr.

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	3215	425 sacks

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

It is proposed to drill well to 3215' 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" 10.5# H-40 casing will be cemented at TD with 325 sacks 50-50 Pos containging 6# Gel per sak, followed by 100 sacks Neat cement.

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

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

A Shaffer 8" Model LWP, 6000# test blowout preventor will be in use below

100' 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

Richard E. Deussen

TITLE

Superintendent

DATE

Oct. 26, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

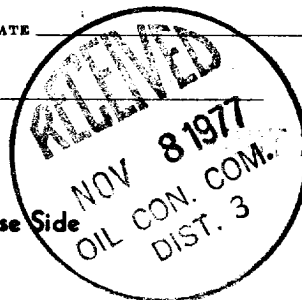
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*OK**ST*

*See Instructions On Reverse Side



30-039-21531

5. LEASE DESIGNATION AND SERIAL NO.

NM 03554

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech C

9. WELL NO.

744

10. FIELD AND POOL OR WILDCAT

South Blanco
Pictured Cliffs11. SEC., T., R., M., OR BLM.
AND SURVEY OR AREA

Section 14 26N 6W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mex.

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

May 1, 1978

**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.

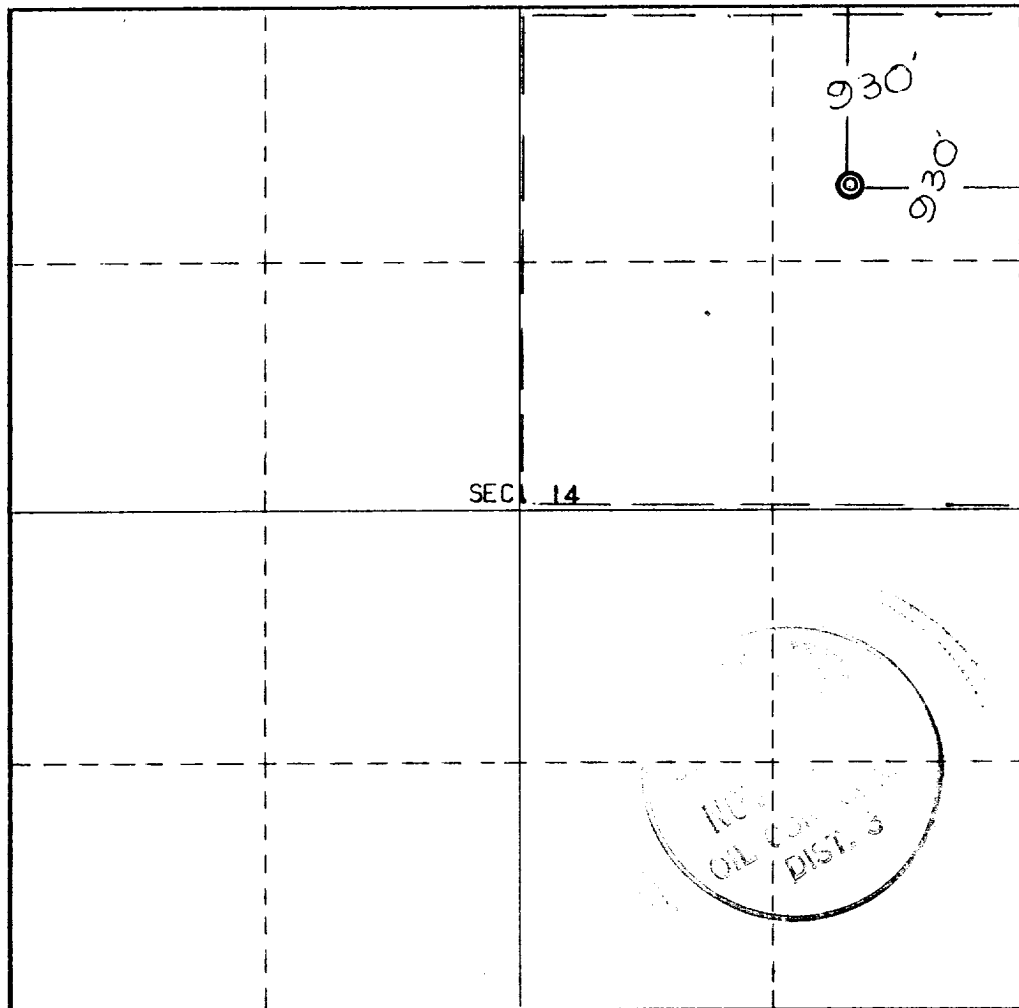
Operator Caulkins Oil Company			Lease NM 03554		Well No. 744
Unit Letter A	Section 14	Township 26 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well:					
930 feet from the North line and		930 feet from the East line			
Ground Level Elev. 6616	Producing Formation Pictured Cliffs	Pool 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.

Charles E. Vergara
Name

Superintendent

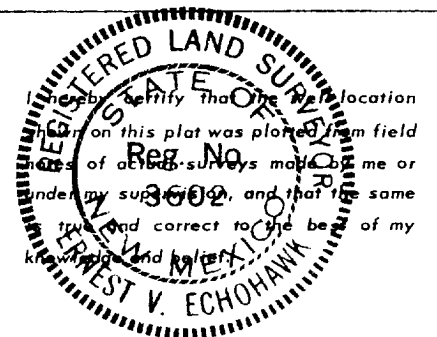
Position

Caulkins Oil Company

Company

Oct. 26, 1977

Date



Date Surveyed

October 18, 1977

Registered Professional Engineer
and/or Land Surveyor

E.V. Echohawk
Certificate No. 3602

E.V. Echohawk LS

