

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 730, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
790 from the South and 790 from the East
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
30 miles southeast of Blanco, New Mexico

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
790

16. NO. OF ACRES IN LEASE
2240

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
100

19. PROPOSED DEPTH
3075

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
Apr. 6, 1978

5. LEASE DESIGNATION AND SERIAL NO.
NM 03551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Breech E

9. WELL NO.
609

10. FIELD AND POOL, OR WILDCAT
South Blanco
Pictured Cliffs

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Section 3 26N 6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mex.

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#	3075	425 sacks

Surface formation San Jose. No abnormal pressure or temperature anticipated. It is proposed to drill well to 3075' using 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" 10 rd 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 times while drilling below 100'. Blowout preventor will be tested at least once during 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. Cuyler 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

*See Instructions On Reverse Side

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

Form 7-102
Supersedes C-128
Effective 1-1-75

All distances must be from the outer boundaries of the Section

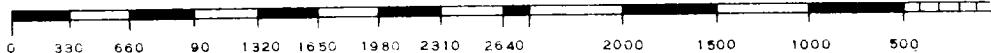
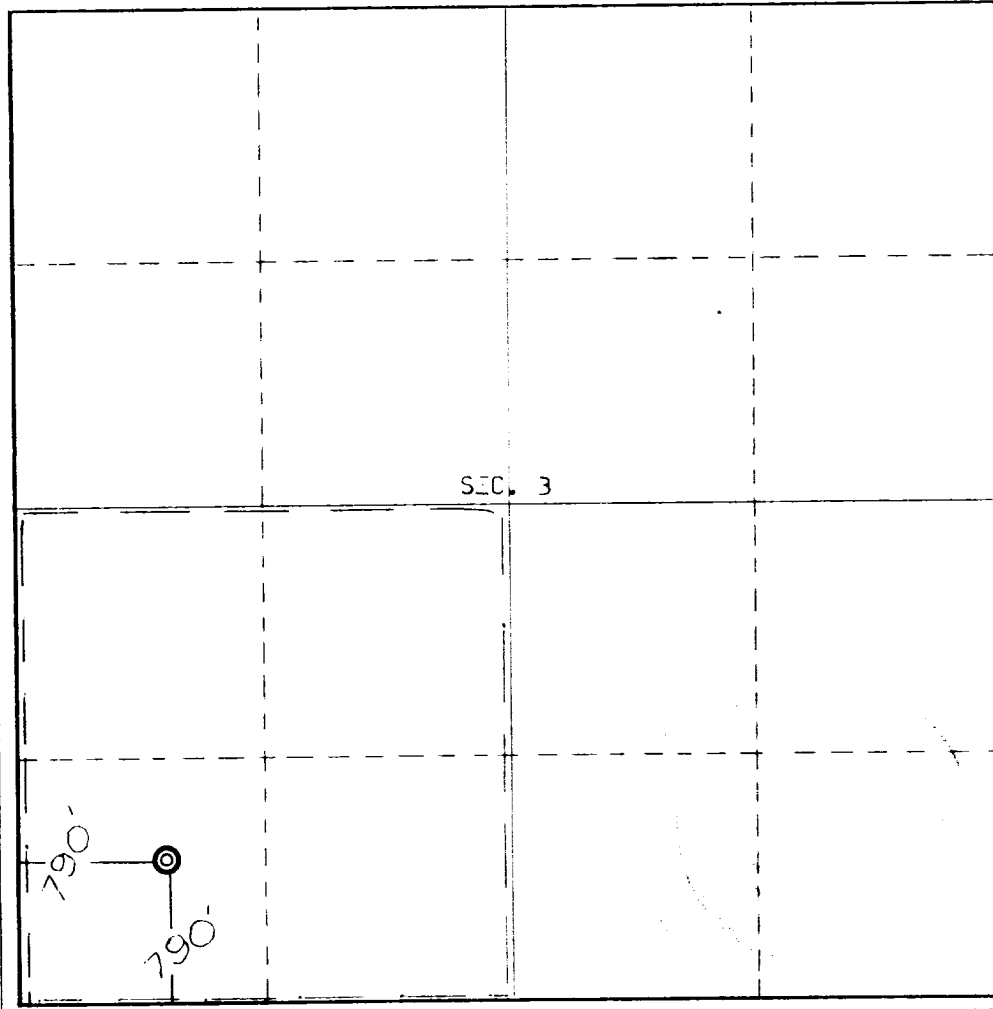
Owner Caulkins Oil Company			Lease Nm 03551		Well No. 609
Tract Letter M	Section 3	Township 26 North	Range 6 West	County Rio Arriba	
Actual Well Location of Well:					
790	feet from the South	line and	790	feet to the West	line
Ground Level Elev. 6477	Producing Formation Pictured Cliffs	Pool South Blanco	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. Vargus

Position
Superintendent

Company
Caulkins Oil Company

Date
Oct. 26, 1977



Date Surveyed
October 18, 1977

Registered Professional Engineer
in Land Surveying

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