

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FARMING SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 340 Bloomfield, New Mexico 87113

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

At surface

At proposed prod. zone 1125' F/S and 1680' F/W
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 Miles Southwest of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

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.

825'

19. PROPOSED DEPTH

2975'

20. ROTARY OR CABLE TOOL

Rotary

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

SUBJECT TO COMPLIANCE WITH ATTACHED 6445 GR

22. "GENERAL REQUIREMENTS".

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT.	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	300'	236 Cu. Ft.
8 3/4"	7"	23# & 26#	2975'	

This proposed well to replace old Pictured Cliffs well with mechanical problems. Old well location 1700' F/S and 1100' F/W Section 4 26N 6W.

Request for abandonment of old well will be made under separate cover.

It is proposed to drill new hole surface to 2975' using 9.0 gel based mud. Float will be run in drill pipe at bit. ES Gamma and Poros logs will be run in open hole.

A shaffer 10" Model LWP, 6000# test BOP will be in use at all times while drilling below surface casing and until production casing is cemented. BOP will be tested at least one time during each 24 hour period and results recorded on daily drilling report.

(Over)

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.

23.

SIGNED

Charles E. Vergara

TITLE

Superintendent

DATE

3-3-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

"Approval of this application is not

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

not warranted

holdings

of title

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

New 9 5/8" 36# 8rd thd casing will be set at approx 300' and cemented with 236 cu.ft. Neat cement. Cement will be circulated to surface.

New or reconditioned 7" 23# J-55 Smls casing will be run surface to TD then cemented with sufficient cement to circulate to surface. Approx 825 cu.ft. 50-50 Poz, 6% Gel followed by 236 cu.ft. Neat cement.

It is proposed to core all coal sections between base of Alamo and top of Pictured Cliffs sand to make analysis and evaluate production capability of Fruitland Coal.

Pictured Cliffs Zone will be Perforated and sand water fractured to stimulate Production.

Should Fruitland Coal warrent further testing, application to change plans and proposals will be submitted for approval.

Estimated Formation Tops and Bottoms

Alamo 2265' to 2340'

Kirtland 2350' to 2375'

Fruitland 2630' to 2880'

Pictured Cliffs 2890' to 2970'

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-183
Supersedes C-171
Effective 1-1-88

All distances must be from the outer boundaries of the Section.

Operator CAULKINS OIL COMPANY			Lease BRECHER NM 03551		Well No. 85-R
Unit Letter N	Section 4	Township 26 NORTH	Range 6 WEST	County RIO ARriba	

Actual Footage Location of Well
 1125 feet from the **SOUTH** line and 1680 feet from the **WEST** line

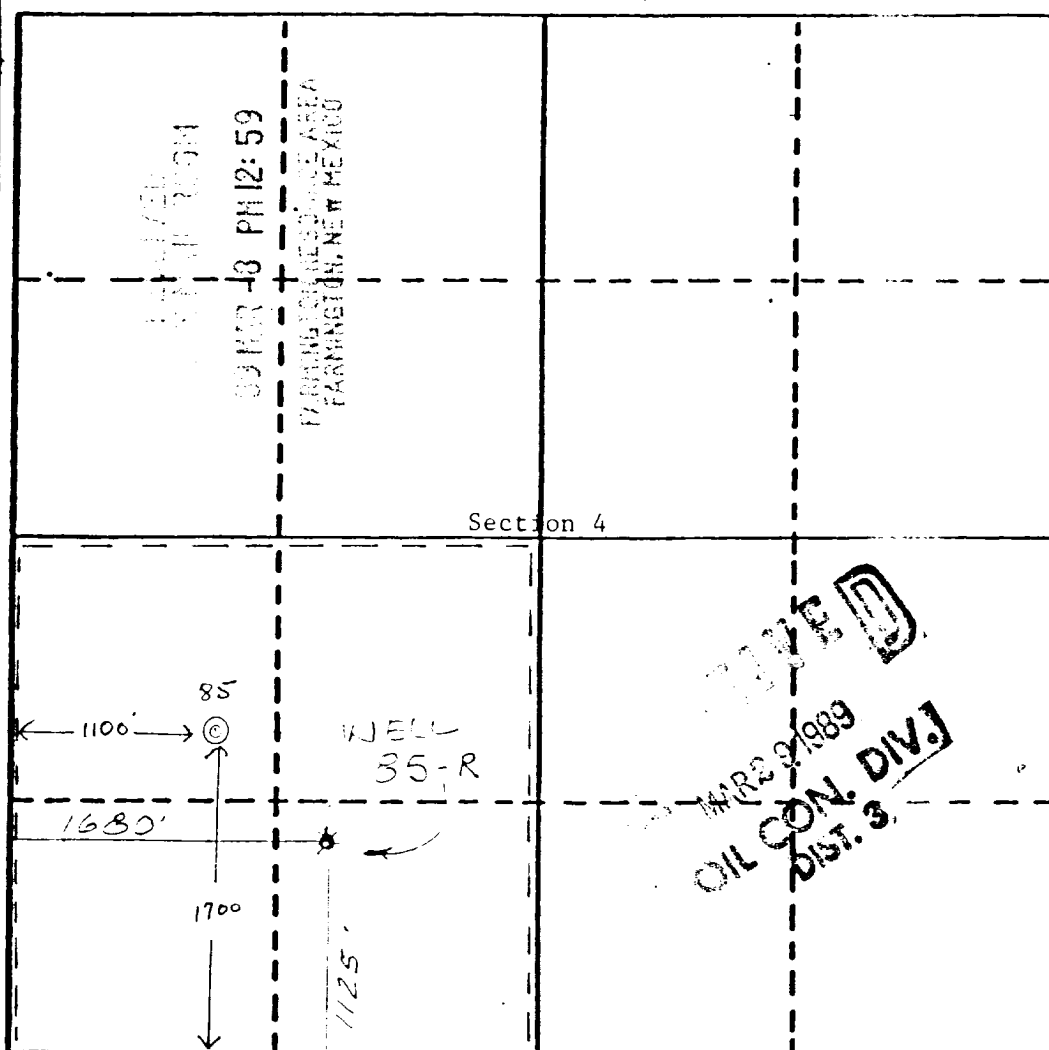
Ground Level Elev. 6445	Producing Formation Pictured Cliffs	Pool South Blanco	Dedicated Acreage 160 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated 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. Verquer

Name

Charles E. Verquer

Position

Superintendent

Company

Caulkins Oil Company

Date

2-24-89

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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

DECEMBER 15, 1988

Registered Professional Engineer and/or Land Surveyor

J. ROGER MILLER

Certificate No.

9752

Topo Map
Well 85-R Breech "E"
1125' F/S and 1680' F/W
Section 4, 26 North 6 West
Rio Arriba County, New Mexico

Scale 2 inches = 1 mile

