

CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401

May 22, 1978

Mr. J. D. Ramey, Sec Dir.
Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

MAY 23 1978

NSL-959
Rule 104 F am & R-1670
Rule 3 Order
6-27-78
(Returned Air mail info)

Dear Sir:

Attached hereto is application to plug back and recomplete well from Tocito Zone (South Blanco Tocito Pool), to Mesa Verde, Chacra and Pictured Cliffs, All gas zones, for our well Breech E 109, located in Southwest Quarter of Sec. 3 26 North 6 West, Rio Arriba County, New Mexico. **660' SW**

Administrative approval is hereby requested for unorthodox location for a recompleted gas well as set forth in Oil Conservation Commission rules and regulations page C-9, rule # 104, "F".

A plat showing all Pictured Cliffs and Mesa Verde wells offsetting this acreage attached.

A Plat showing dedicated acreage for each zone also attached.

By copy of this letter, owners of offsetting leases are being notified of this request.

Yours very truly,

Charles E. Verquer

Charles E. Verquer
Supt., Caulkins Oil Company

cc: El Paso Natural Gas Co.

New Mexico Oil Conservation Commission
Aztec, New Mexico

Pools
Blanco - Mesaverde
S. Blanco - Pictured Cliffs
Otero - Chacra

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 Recomplete 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
 660' from the South and 660' from the West
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Same
 30 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)
 660'

16. NO. OF ACRES IN LEASE
 2240

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1415

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6484 Gr.

22. APPROX. DATE WORK WILL START*
 May 1, 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.
 109

10. FIELD AND POOL, OR WILDCAT
 Blanco Mesa Verde
 South Blanco Pictured Cliffs, Otero Chacra

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

12. COUNTY OR PARISH
 Rio Arriba

13. STATE
 New Mex.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Present Condition:
 TD 6736'. 7 5/8" 26# J-55 Smls Casing cemented at 6674' with 175 sacks. Temperature survey cement top at 5580'. 5 1/2" 15.5# J-55 liner cemented 6587 to 6735 with 25 sacks. Liner perforated 6 holes per foot 6673 to 6690. Abandoned as Tocito Injection well May 1965.

It is now proposed to plug back and recomplete well in Pictured Cliffs, Chacra and Mesa Verde Zones.

Cement plug will be spotted over perforations and up in 7 5/8" csg. to 6400'. 9# gel based mud will be spotted in 7 5/8" casing 6400 to 5700'. 100' cement plug will be spotted 5700 to 5600'.

7 5/8" casing will be perforated at approx. 5550', then cemented 5550 to above top of Alamo Sand at 2345' by circulating and squeezing.

Mesa Verde, Chacra and Pictured Cliffs zones will be perforated and sand-water frac'ed to stimulate production. (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.

24. SIGNED Charles E. Cargue TITLE Superintendent DATE 3-15-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 APPROVED
 3 MAR 20 1978
 C. A. Schmidt
 ACTING DIRECTOR OF SURVEY

*See Instructions On Reverse Side

RECEIVED
 MAR 20 1978

U. S. GEOLOGICAL SURVEY
 WASHINGTON, D. C.

operator

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-396

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A pit 20' X 20' X 4' on existing location will be required for containing frac water while completing and testing.

Blowout preventor will be used while plugging back, cementing and completing.

After completion pit will be covered and location reseeded to within 5' of all facilities with BLM approved seeding program.

It is proposed to commingle Mesa Verde and Chacra production in wellbore. Approved by New Mexico Conservation Commission order # R-5646. *5647 ✓ OK*

Retrievable production packer will be run on tubing above Chacra Zone to Dual Complete Well.

No new surface disturbance.

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.

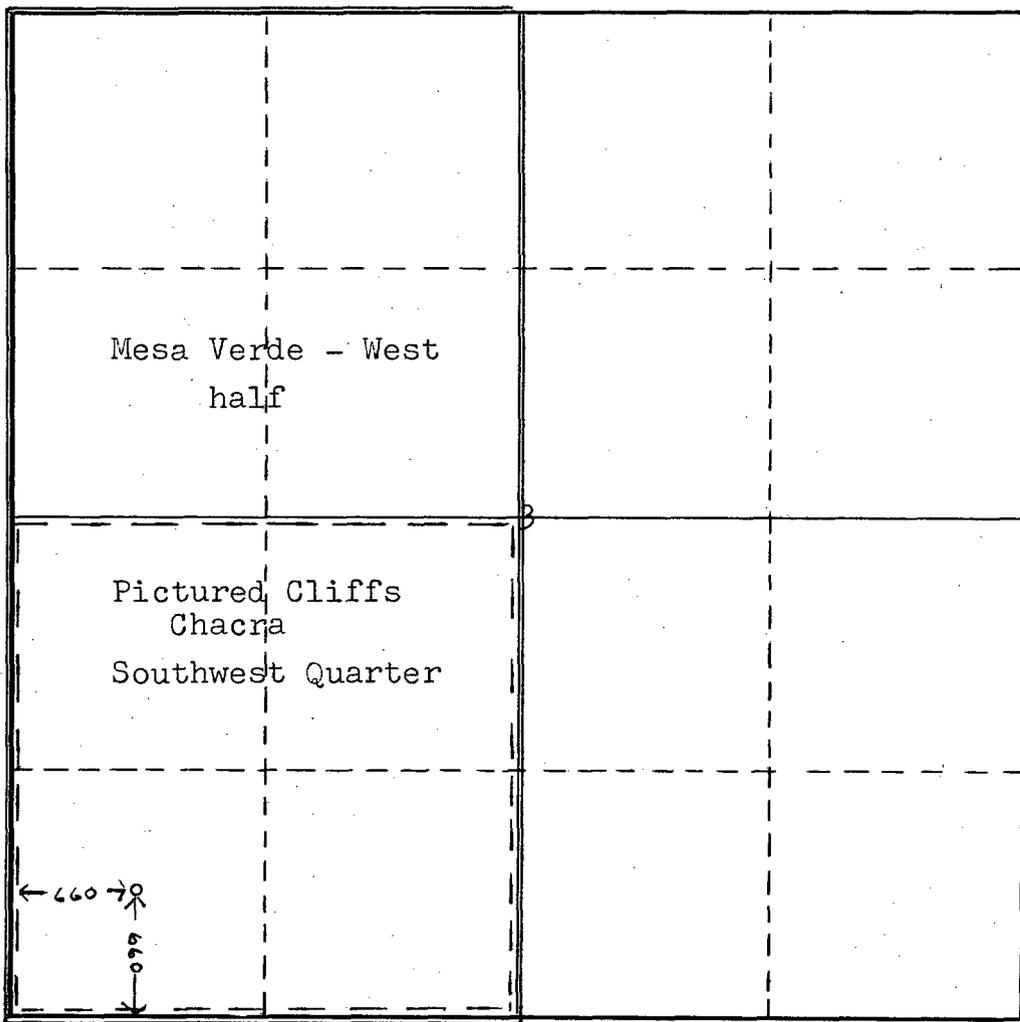
Operator Caulkins Oil Company		Lease Breech E		Well No. 109	
Unit Letter M	Section 3	Township 26 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line.					
Ground Level Elev. 6484	Producing Formation Mesa Verde	Pictured Cliffs Chacra	Pool Undes Chacra- Blanco MV	Dedicated Acreage: 320 MV - 160 PC & C	

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 Verquer
Name

Charles Verquer

Position
Superintendent

Company
Caulkins Oil Company

Date
May 16, 1978

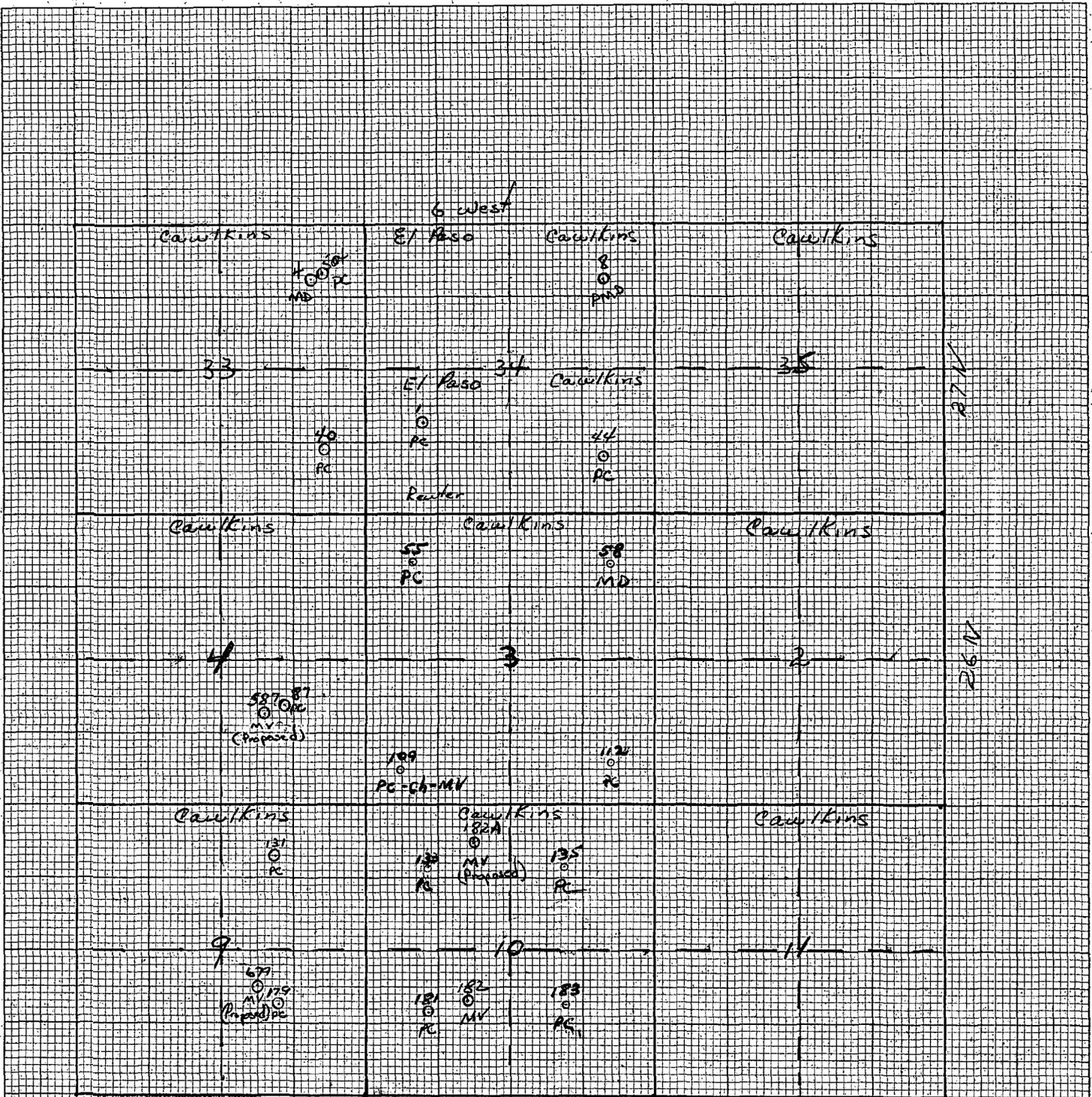
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Dec. 13, 1951

Date Surveyed
Edmund Ross
Registered Professional Engineer
and/or Land Surveyor

81

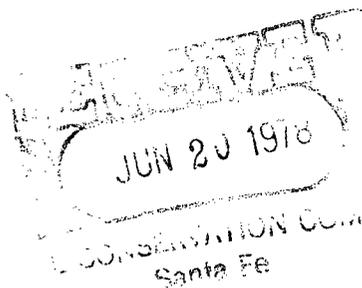
Certificate No.



- PC - Pictured Cliffs Well
- Ch - Chacra Well
- MV - Mesa Verde Well
- PMD - Pictured Cliffs-Mesa Verde-Dakota (Triple Completion)
- MD - Mesa Verde-Dakota Dual

El Paso NATURAL GAS
COMPANY

P. O. BOX 990
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841



June 19, 1978

NEW MEXICO OIL CONSERVATION COMMISSION
Attention: Mr. J. D. Ramey-Secretary, Director
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Caulkins Oil Company Application to
Plug Back & Recomplete Well from
Tocito Zone to Mesaverde, Chacra, & Pictured Cliffs
Breach E #109, SW $\frac{1}{4}$ Section 3, T26N, R6W,
Rio Arriba County, New Mexico

Gentlemen:

This is to advise that El Paso Natural Gas Company, as an owner of offsetting acreage, has no objection to the above described plug back and recompletion in the Mesaverde, Chacra and Pictured Cliffs gas zones as proposed by Caulkins Oil Company.

Yours very truly,

A handwritten signature in cursive script that reads 'John A. Ahlm'.

John A. Ahlm
Regional Land Manager
Energy Resource Development

JAA:ld

cc: New Mexico Oil Conservation Commission-Aztec, NM
Caulkins Oil Company



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

JERRY APODACA
GOVERNOR

NICK FRANKLIN
SECRETARY

June 1, 1978

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Caulkins Oil Co.
P. O. Box 780
Farmington, New Mexico 87401

Re: Application for Non-Standard
Location Breech E 109,
Sec. 3, T-26-N, R-6-W,
Rio Arriba County, New Mexico

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- A plat must be submitted showing the ownership of the offsetting leases.
- A statement must be submitted that offset owners have been notified of the application by certified mail.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- The application must be signed.

Very truly yours,

R. L. STAMETS
Technical Support Chief

OIL CONSERVATION COMMISSION
Cylee DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 5-31-78

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL 1 _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

R. L. Stamets

Gentlemen:

I have examined the application dated 5-22-78
for the Caulkins Oil Co. Branch E-#109 M-3-26 N-64
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve
Oil well being plugged back to recomplete
as gas well

Yours very truly,

MR Kendrick

JUN - 7 1978