

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

660' F/S and 1980' F/E

At proposed prod. zone

Same

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

33 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'

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

1100'

16. NO. OF ACRES IN LEASE

2,400

19. PROPOSED DEPTH

7500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 320 Infil

20. ROTARY OR CABLE TOOLS

Cable Tools

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

6504 DF

22. APPROX. DATE WORK WILL START*

April 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 3/4"	4 1/2"	11.6#	7500'	Sufficient to circulate

Present Condition: *formerly well # T-207 Breech A - Toots W1W*
TD 6688'. 7 5/8" 26.4# Casing cemented at 6635' with 200 sacks. Top of cement 5650'.
5 1/2" 15.5# liner 6614' to 6687' cemented with 25 sacks. Liner perforated 6645' to 6661'.

Abandoned as Toots injection Well May, 1965.

Application to plug back and recompleat approved 3-7-78. This recompleat was not done pending approval of Dakota Infil drilling.

It is now proposed to deepen well to Dakota Zone at approx. 7500'. Then run 4 1/2" liner from approx. 6500' to TD. Caliper Log will be run so liner can be cemented with sufficient cement to circulate. 7 5/8" casing will be perforated at 5600' and then cemented 5600' to surface by circulations and squeezing.

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. Vergue

TITLE Superintendent

DATE 1-7-80

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

AS AMENDED

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 2 1980
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

at Enl NSC-1133
State DHC-R 5647



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

Well will be completed in Chacra, Mesa Verde and Dakota Zones, with packer between Mesa Verde and Dakota Zones to Dual Complete.

New Mexico Oil Conservation Division Order No. NSL-1133.
Approved unorthodox location for all three Gas Zones.

New Mexico Oil Conservation Division Order No. R-5647.
Approved Commingling of Chacra and Mesa Verde in Wellbore.

This well will be a Dakota Infil well as approved in Order R-1670-V.

To Conform with numbering of Infil wells this well No changed from 207 to 136 E.

2 3/8" 4.7# EUE 8rd tubing will be run, then packer to Dakota Perforations. 1 1/4" 2.3# NU 10rd tubing will be run to Mesa Verde Perforations for commingled Chacra-Mesa Verde Production.

A Shaffer 10' Model LWP, 6000# test, 3000# WP BOP will be in use at all times while deepening and cementing well. BOP will be tested at least once during each 24 hr day.

No new surface to be disturbed. Old location will be dressed off and old reserve pit will be rebuilt to contain drilling fluids and frac water while drilling and completing.

All disturbed area will be cleaned up and reseeded to within 5' of all facilities with BLM approved seeding program.

This acreage dedicated to Gas Company of New Mexico in all three Zones.

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

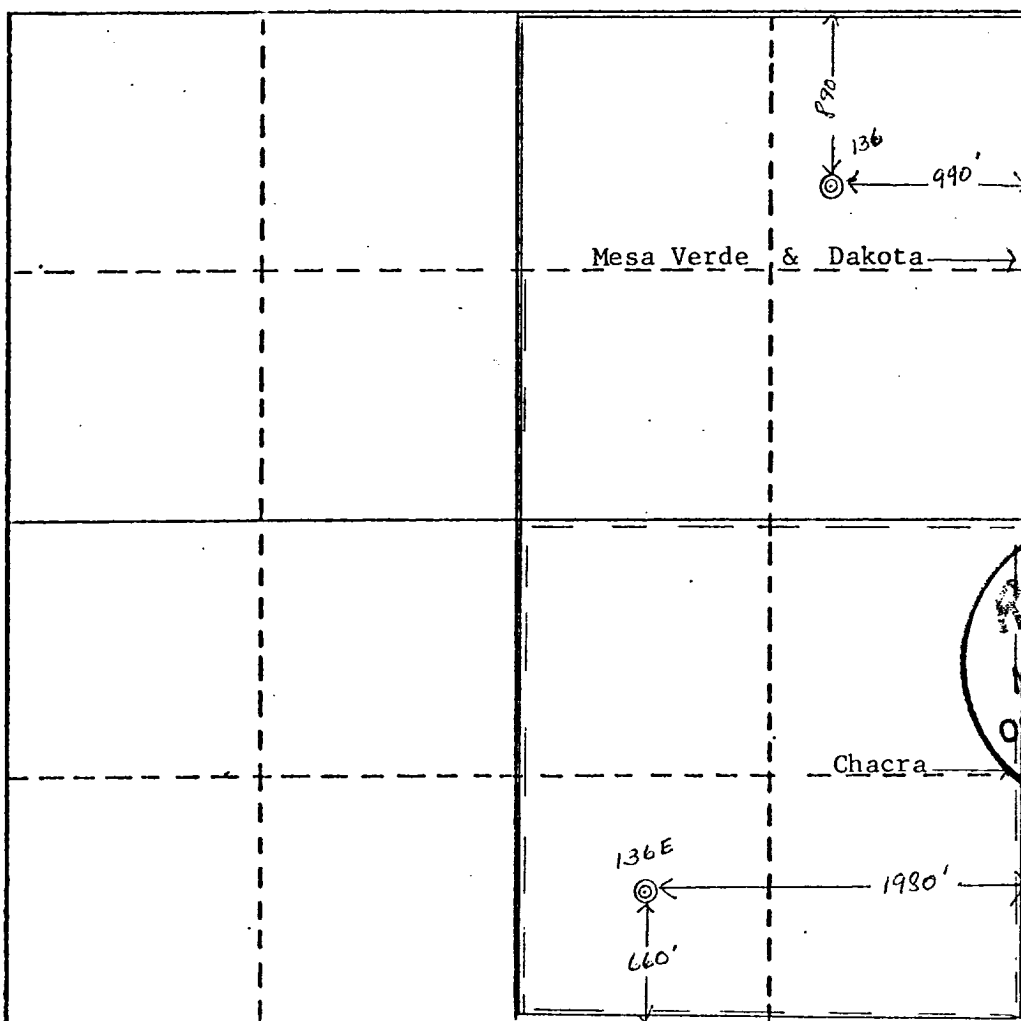
Operator Caulkins Oil Company			Lease Breech A		Well No. 136 E
Unit Letter 0	Section 10	Township 26 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 6491	Producing Formation Chacra-Mesa Verde-Dakota	Pool Otero Chacra Blanco Mesa Verde Basin Dakota		Dedicated Acreage: 160 Chacra 320 MV & Dak. Acres	

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 Division.



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
1-7-80

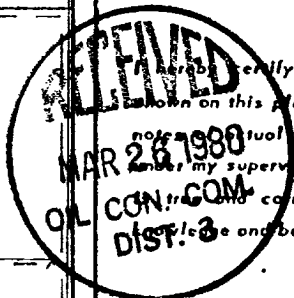
I hereby certify that the well location shown on this plat was plotted from field notes and actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed
6-3-52

Registered Professional Engineer
and/or Land Surveyor

San Juan Engineering

Certificate No.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas well ☒ other

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. See space 17 below.)
AT SURFACE: **640' F/E and 1980' F/E**
AT TOP PROD. INTERVAL: **same**
AT TOTAL DEPTH: **Same**

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

(other) **Supplement to APD**

5. LEASE

8F-079033-4

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breach A

9. WELL NO.

136 E

10. FIELD OR WILDCAT NAME **Otero Chacra, Blanco Mesa Verde, Basin Dakota**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 10, 25 N 6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6504 DF

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Estimated Formation Tops:

Chacra 3821

Greenhorn 7082

Graneros 7064

Dakota 7251



Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles Dugan TITLE **Superintendent**

DATE **3-21-80**

(This space for Federal or State office use)

APPROVED BY _____

COPIES OF APPROVAL, IF ANY: _____

TITLE _____

DATE _____

MAR 25 1980

state

MAR 24 1980

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.