

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

1980' F/S and 660' F/W

At proposed prod. zone

Same

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

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)

1980'

16. NO. OF ACRES IN LEASE

2240

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

300'

19. PROPOSED DEPTH

7430'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 Infil W 319 91

20. ROTARY OR CABLE TOOLS

Rotary

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

6470' Gr.

22. APPROX. DATE WORK WILL START*

June 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	4 1/2"	11.6#	7430'	Sufficient to circulate

Present Condition:

TD--6691'. 7" 23# J-55 Smls. Csg. at 6641' cemented with 200 sacks. Top of cement 5300'. 5 1/2" 17# J-55 liner 6580' to 6690'. cemented with 25 sacks. Liner perforated 4 holes per foot 6659' to 6671'.

Abandoned as Tocito Water Injection Well 5-30-56.

It is now proposed to deepen well to Dakota Zone at approx. 7430' and then run 4 1/2" 11.6# liner from approx. 6550' to TD and cement with sufficient cement to circulate. 7" casing will be perforated at 5290' then cemented from 5290' to surface by circulating and squeezing.

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

(OVER)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zones 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. Dugan

TITLE

Superintendent

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT ENGINEER

RECEIVED
MAR 26 1980
OIL CON. COM.
DIST. 3

JAN 17 1980

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-711-388

wellbore, Subject to approval by New Mexico Oil Conservation Division. Hearing scheduled for commingling January 30, 1980.

This well will be a Dakota Infil well as approved in Order No. R-1670-V.

To conform with numbering of Infil Wells this well No. changed from 585 to 68 E.

2 3/8" 4.7# EUE 8rd tubing will be run thru 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. a 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 BIM 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 Breach E		Well No. 68 E
Unit Letter L	Section 4	Township 16 North	Range 6 West	County Rio Arriba	

Actual Location of Well:

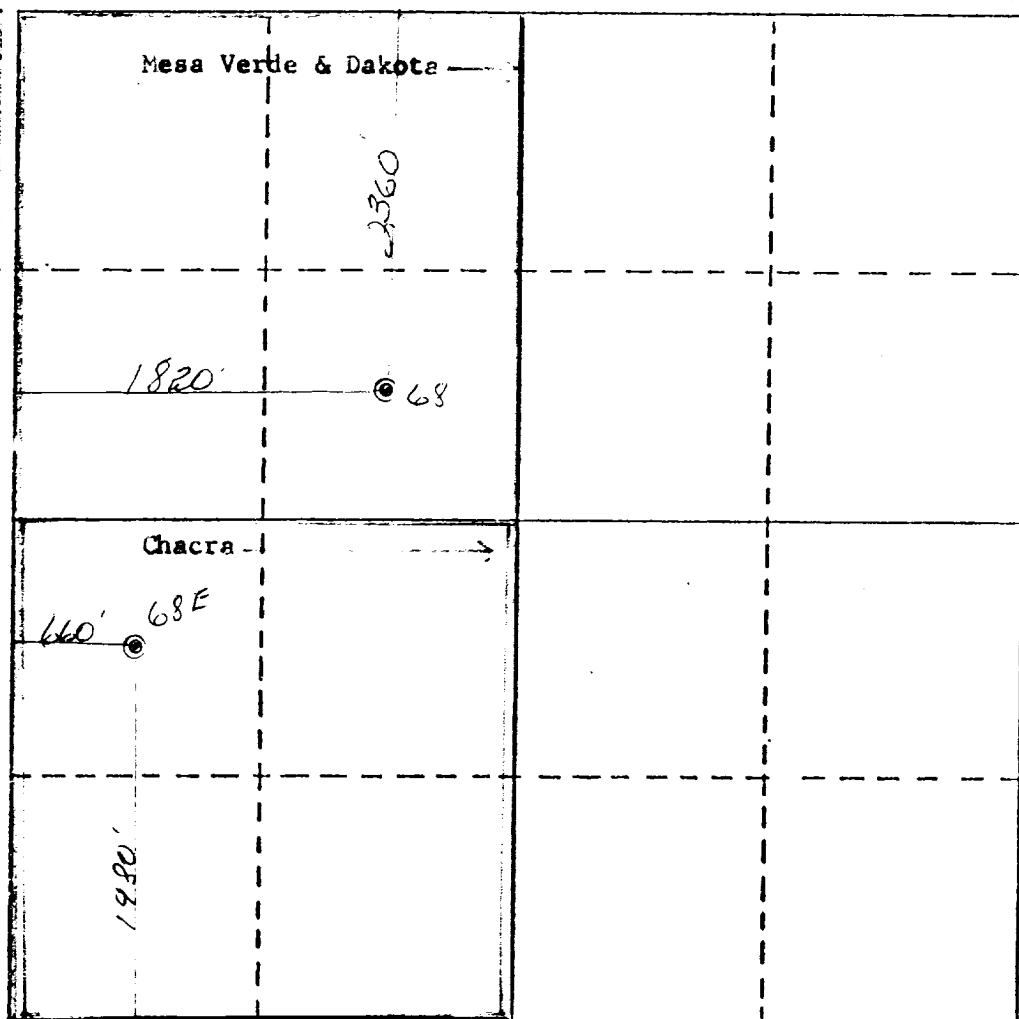
1980 feet from the South line and 660 feet from the West line	Ground Level Elev. 6470 Gr.	Producing Formation Chacra-Mesa Verde-Dakota	Pool Otero Chacra, Blanco Mesa Verde Basin Dakota	Dedicated Acreage: 160 Chacra
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1. Outline the acreage dedicated 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

1-28-80

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.

U. S. GEOLOGICAL SURVEY

Date Survey: **DURANGO, COLO.**

May 8, 1957

Registered Professional Engineer
and/or Land Surveyor

San Juan Engineering

Certificate No.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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: **1980' F/S and 640' F/S**
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 API**

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	3812
Greenhorn	7081
Graneros	7198
Dakota	7341

5. LEASE

NM-03551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech 2

9. WELL NO.

68 2

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

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

Section 4, 25 N 6 W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO.

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

6482 DF

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

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

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

SIGNED Charles C. Cargill TITLE **Superintendent**

DATE **3-21-80**

(This space for Federal or State office use)

ACCEPTED FOR RECORD

CONDITIONS OR AGREEMENT IF ANY:

MAR 25 '80

*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 procedures and practices, either as 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 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.