

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.*)

990 feet from North and East lines of Section 4-26N-6W

At proposed prod. zone
Same as at surface

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

35 miles southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

990 feet

16. NO. OF ACRES IN LEASE

1920

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.

2791 feet (Calculated)

19. PROPOSED DEPTH

7500

20. ROTARY OR CABLE TOOLS

Rotary

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

Ground level 6477, Kelly Bushing 6489

22. APPROX. DATE WORK WILL START*

November 2, 1963

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	36#	262 feet	200 sacks
7-7/8"	4-1/2"	10.5 & 11.6#	7500 feet	650 sacks

It is proposed to mud drill with rotary equipment to approximately 7500' to test the Dakota formation. The following casing and cementing program will be used:

9-5/8" 36# H-40 Casing to 262' cemented top to bottom

4-1/2" 11.6# J-55 casing 0 to 750', 4-1/2" 10.5# J-55 Casing 750' to 6500' and

4-1/2" 11.6# J-55 Casing from 6500' to 7500'.

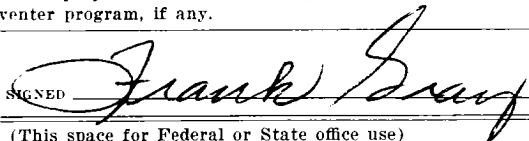
The 4-1/2" casing will be cemented through the casing shoe with 150 sacks 12% gel cement followed by 100 sacks latex cement. It will also be cemented thru a stage collar at approximately 5400' with 350 sacks 12% gel cement followed by 50 sacks neat. The second stage is 150% of the calculated volume required to cover the Mesa Verde and Pictured Cliffs zones.

The 4-1/2" casing will be perforated in the Dakota zone and the well will be sand/water fractured to obtain the best completion.

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



TITLE

Superintendent

DATE

October 30, 1963

(This space for Federal or State office use)

PERMIT NO.

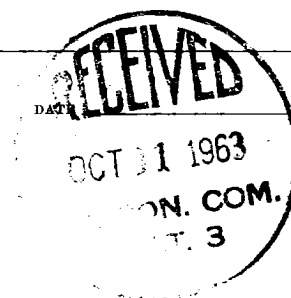
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE



*See Instructions On Reverse Side

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.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

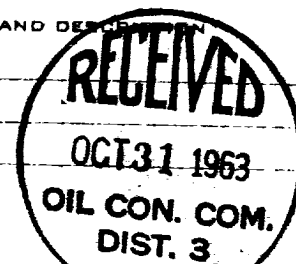
Date 10-30-63

Operator Caulkins Oil Company Lease Breach #1
Well No. D 54 Unit Letter A Section 4 Township 26 North Range 6 West NMPM
Located 990 Feet From North Line, 990 Feet From East Line
County Rio Arriba G. L. Elevation 6477 Dedicated Acreage 319.97 Acres
Name of Producing Formation Dakota Pool Basin Dakota

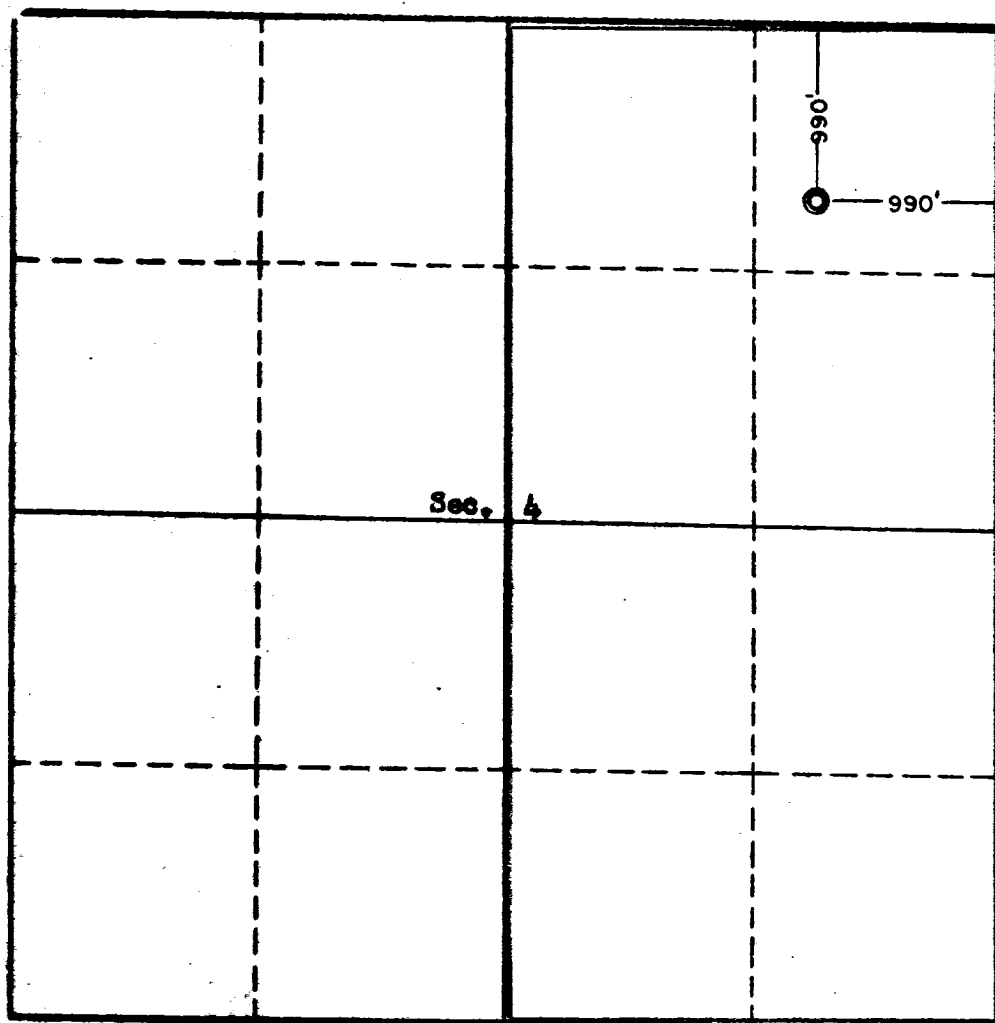
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes XX No _____
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "Yes," Type of Consolidation _____
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DEDICATION



SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Caulkins Oil Company

(OPERATOR)

Frank O. Gray
Frank O. Gray
(REPRESENTATIVE)

Box 780, Farmington, N.M.

(ADDRESS)

THE STATE OF NEW MEXICO
I, _____, do hereby certify that the well location shown on the plat in Section B 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.

Date Surveyed October 27, 1963

Four States Engineering Co.
FARMINGTON, NEW MEXICO

James V. Edwards
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3602



3-25-68

CAULKINS OIL COMPANY

WELLS REQUIRING FILE CORRECTION ONLY

LEASE NAME & WELL NUMBER	LOCATION	POOL	PRESENT ACREAGE	CORRECT ACREAGE
Breech E #64	A-1-26N-6W	Blanco MV	E 320	E 320.49✓
Breech E #64	A-1-26N-6W	Basin Dak.	E 320	E 320.49✓
Breech E #118	N-1-26N-6W	Basin Dak.	W 320	W 321.51✓
State A#62	A-2-26N-6W	Blanco MV	N 320	N 323✓
State A#62	A-2-26N-6W	Basin Dak.	N 320	N 323✓
Breech E #58	A-3-26N-6W	Blanco MV	E 320	E 320.75✓
Breech E #58	A-3-26N-6W	Basin Dak.	E 320	E 320.75✓
Breech E #89	L-3-26N-6W	Basin Dak..	W 320	W 320.25✓
Breech E #54	A-4-26N-6W	Basin Dak.	E 320	E 319.97✓
Breech E #50	A-5-26N-6W	Basin Dak.	N 320	N 320.52✓
Breech B #123	B-7-26N-6W	Basin Dak.	N 320	N 321✓
Breech #312	N-18-26N-6W	So. Bl. PC	160	160.71✓