

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

1190' from North line and 1650' from East line of Section 21-26-6

At proposed prod. zone

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

Approximately 30 miles southeast of Blanco, New Mexico

10. DISTANCE FROM PROPOSED*

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

1190'

18. DISTANCE FROM PROPOSED LOCATION*

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

5132'

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

7650

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 Dakota and 160 Pictured Cliff

20. ROTARY OR CABLE TOOLS

Rotary

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

6652 ground level

22. APPROX. DATE WORK WILL START*

7-20-65

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	9-5/8"	32.75#	265'	200
7-7/8"	4-1/2"	10.5 & 11.6#	7650'	approximately 1000 sacks*

* Sufficient cement will be used in 2 stages to fill annulus between 4-1/2" casing and hole to 200' above Pictured Cliffs sand. Required amount of cement will be calculated from caliper log. Stage collar will be set just above the Point Lookout.

A pressure operated double blowout preventer will be in use at all times while drilling below 265'.

Separation of Pictured Cliffs and Dakota zones to be made inside 4-1/2" casing by setting a Baker Model D Retainer Production Packer near the top of the Dakota zone. Production from Dakota to be through 1-1/2" IJ tubing; production from Mesa Verde to be through 1" IJ or EUE tubing.

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 geology and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

DATE

July 14, 1965

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

DATE

JUL 19 1965

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.

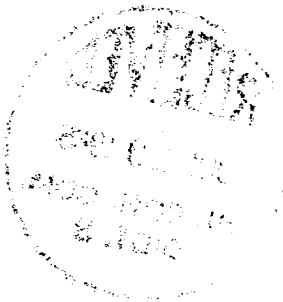
Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 7-14-65

OPERATOR Caulkins Oil Company LEASE Breech "D"
WELL NO. BB-341 UNIT LETTER B SECTION 21 TOWNSHIP 26 North RANGE 6 West NMPM
LOCATED 1190 FEET FROM North LINE, 1650 FEET FROM East LINE
COUNTY Rio Arriba G. L. ELEVATION 6652 DEDICATED ACREAGE 160 (NE 1/4) P. 8
NAME OF PRODUCING FORMATION Pictured Cliff - Dakota POOL South Blanco Pictured Cliff Basin Dakota

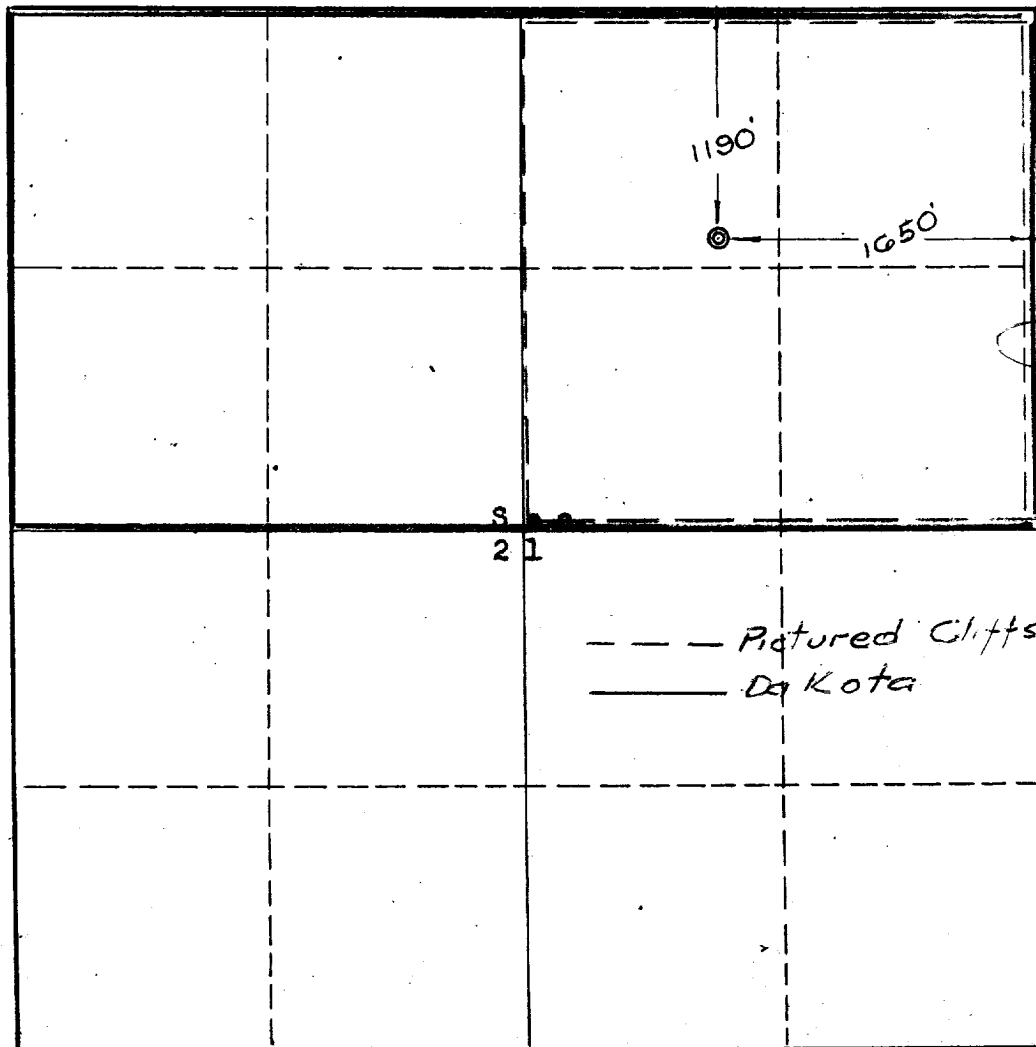
1. IS THE OPERATOR THE ONLY OWNER* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES XX NO _____
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES _____ NO _____ IF ANSWER IS "YES," TYPE OF CONSOLIDATION _____

3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:

OWNER

LAND DESCRIPTION

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 Breech
(REPRESENTATIVE)

Box 780, Farmington, N. M.

(ADDRESS)

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THE PLAT IN SECTION B WAS PLOTTED FROM THE NOTES OF 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 July 8, 1965

**FOUR STATES
ENGINEERING CO.**

FARMINGTON, NEW MEXICO

Emmett H. Cahill
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602