

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

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1100' f/North line & 1450' f/East line (Unit letter A)

At proposed prod. zone

Sec. 21-29N-10W

Same

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

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15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)1100' f/drlg unit
& lse line

16. NO. OF ACRES IN LEASE

320 ac.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 (200 Fed., 120 Fee)

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

1st well

19. PROPOSED DEPTH

6600'

20. ROTARY OR CABLE TOOLS

Rotary

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

5576' GL.

22. APPROX. DATE WORK WILL START*

Approx. 10 days

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	375'	300 ex. (Cmt bottom to top)
7-5/8"	4-1/2"	10.5#	Total depth	1500 ex.

It is proposed to drill well with rotary tools at the above location to test the Graneros-Dakota formation, anticipated top at 6315'. 8-5/8"OD casing will be set at approximately 375' and cemented bottom to top. If commercial production is encountered, 4-1/2"OD casing will be set at total depth, and cemented with sufficient cement to protect all zones, estimated 1500 sacks in two stages. Productive zone(s) will be perforated, treated if necessary, and well completed.

Well Location and Acreage Dedication Plat enclosed.

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

M. E. Brown / 198

TITLE

Chief Office Clerk

DATE

April 26, 1968

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

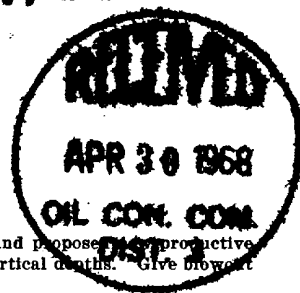
DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 29 1968

*See Instructions On Reverse Side

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

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 the 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 be made 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 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**

Form C-102
Supersedes C-128
Effective 1-1-65

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

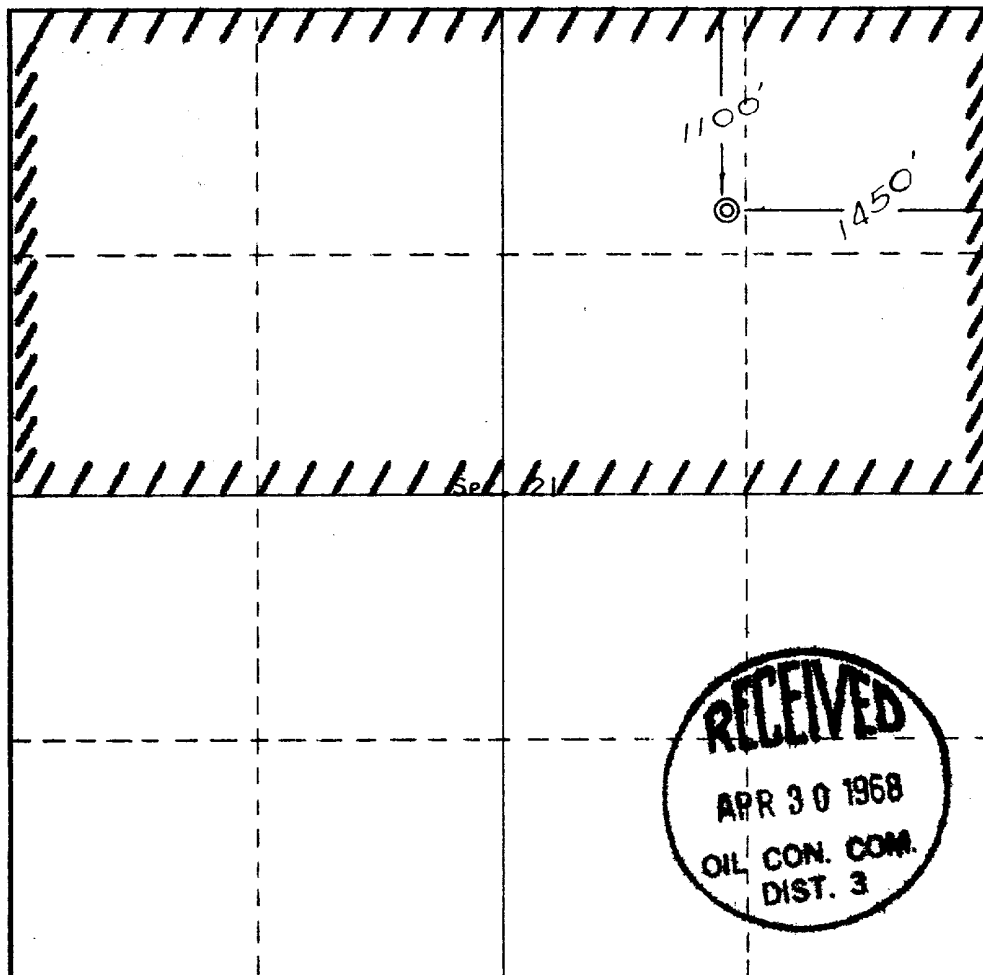
Operator SINCLAIR OIL & GAS COMPANY			Lease Wood Federal Wood Federal		Well No. 1
Unit Letter B	Section 21	Township 29 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1100 feet from the North line and 1450 feet from the East line					
Ground Level Elev. 5576 ungr.	Producing Formation Bakata-Graneros	Pool Basin Dakota	Dedicated Acreage: 220 Acres		

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 **Communitization - Agreement #2448**

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.



RECEIVED
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
SECTION, N.

M. C. Brown
Name
Chief Office Clerk
Position
Sinclair Oil & Gas Co.
Company

April 24, 1968
Date

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.

Date Surveyed
April 24, 1968
Registered Professional Engineer
and/or Land Surveyor

E. V. Cochran
Certificate No. **3602**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0