Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: SF 078863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ----

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Krause - Federal

8. FARM OR LEASE NAME: Krause-Federal

2. NAME OF OPERATOR: Sinclair Oil & Gas Company

9. WELL NO.: No. 2

3. ADDRESS OF OPERATOR: 601 Denver Club Building Denver, Colorado

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1000' from the North line and 1000' from the East line Sec. 28-28N-11W, San Juan County, New Mexico
At proposed prod. zone: Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28-28N-11W N. M. P. M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Bloomfield, New Mexico - 8 miles South

12. COUNTY OR PARISH: San Juan | 13. STATE: New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any): 1000'

16. NO. OF ACRES IN LEASE: 2560

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.: 1230'

19. PROPOSED DEPTH: 6400'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5694 GL

22. APPROX. DATE WORK WILL START*: 8-3-64

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#	350	300 sx.
~~XXXX~~ 7-7/8	4-1/2	10.5#	6400	1500 sx.

It is proposed to drill this well with rotary tools to a depth sufficient to test the Dakota formation. Estimated total depth 6400'. Anticipated formations to be encountered are Greneros at approximately 6190' and the Dakota at approximately 6275'.

8-5/8"OD Surface casing will be set at approximately 350' and cemented from bottom to top with approximately 300 sacks cement. If productive zones are encountered 4-1/2" or 5-1/2"OD Casing will be run and cemented with sufficient cement to protect all zones. Possible productive zones will be perforated, tested, treated if necessary, and well completed.

Blow-out preventers - 10" Series 900 2 ddbl ram, hyd. operated. Test at 1000# before drilling out of surface casing. Open and close each trip.

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 Division Clerk DATE 7-27-64

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUL 30 1964
OIL CON. COM.
DIST. 3

RECEIVED
JUL 27 1964
U. S. GEOLOGICAL SURVEY

*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.

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-685231

FORM C-128
REVISED 8/1/57

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date [redacted]

Operator SINCLAIR OIL & GAS COMPANY Lease KRAUSE FEDERAL NN

Well No. _____ Unit Letter A Section 28 Township 26 NORTH Range 11 WEST NMPM

Located 1000 Feet From NORTH Line, 1000 Feet From EAST Line

County SAN JUAN G. L. Elevation [redacted] Dedicated Acreage [redacted] Acres

Name of Producing Formation [redacted] Pool [redacted]

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes _____ No [redacted]

2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes [redacted] No _____ If answer is "Yes," Type of Consolidation _____

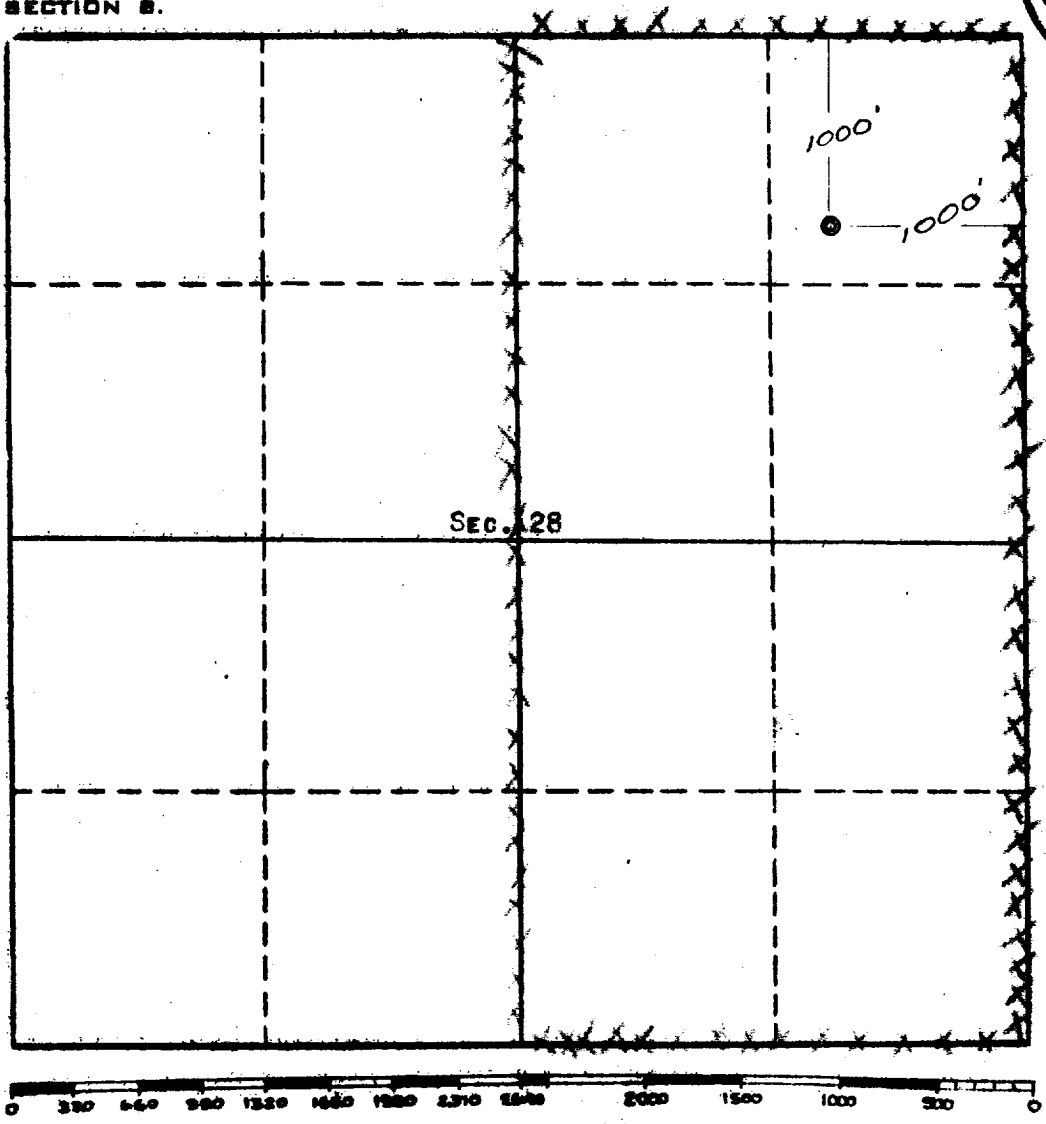
[redacted]

3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER	LAND DESCRIPTION

RECEIVED
JUL 30 1964
OIL CON. COM.
DIST. 3

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.

[redacted]

(OPERATOR)

M C Brown

[redacted]

(REPRESENTATIVE)

[redacted]

(ADDRESS)

This is to 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.

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
Reg. No. 3602

Date Surveyed JUNE 21, 1964

Four States Engineering Co.
FARMINGTON, NEW MEXICO

Ernest V. Echohawk

REGISTERED ENGINEER OR LAND SURVEYOR

Certificate No. 3602

ILLEGIBLE

FORM C-128
REVISED 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date [redacted]

Operator SINCLAIR OIL & GAS COMPANY Lease KRAUSE FEDERAL WN

Well No. _____ Unit Letter A Section 28 Township 28 NORTH Range 11 WEST NMPM

Located 1000 Feet From NORTH Line, 1000 Feet From EAST Line

County SAN JUAN G. L. Elevation [redacted] Dedicated Acreage [redacted] Acres

Name of Producing Formation [redacted] Pool [redacted]

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes _____ No [redacted]

2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes [redacted] No _____ If answer is "Yes," Type of Consolidation _____

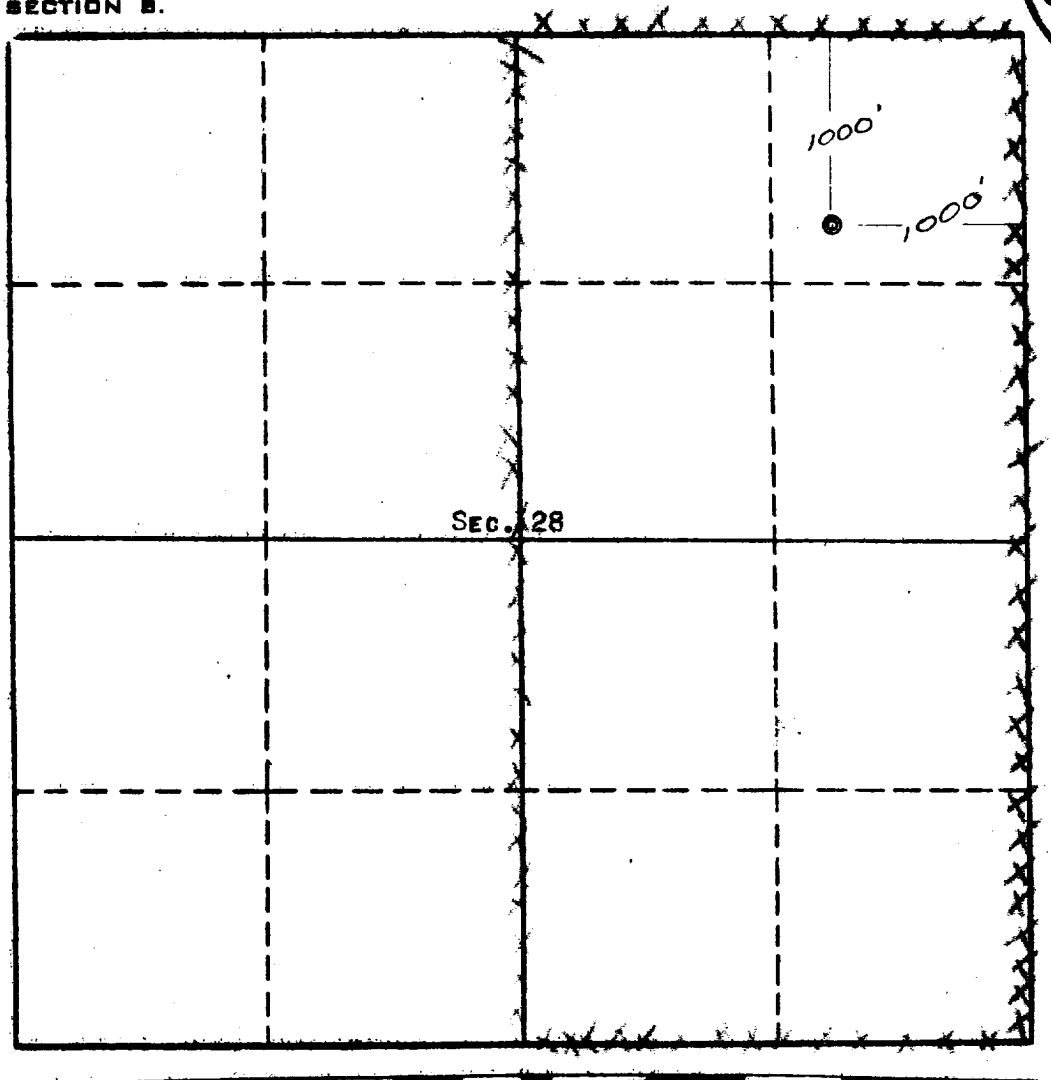
[redacted]

3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER	LAND DESCRIPTION

RECEIVED
JUL 30 1964
OIL CON. COM.
DIST. 3

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.

[redacted] (OPERATOR)

M C Brown

[redacted] (REPRESENTATIVE)

[redacted] (ADDRESS)

This is to 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.

Reg. No. 3602

Date Surveyed JUNE 21, 1964

Four States Engineering Co.
FARMINGTON, NEW MEXICO

Ernest V. Echohawk

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Certificate No. 3602