

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 601 Denver Club Building

3. ADDRESS OF OPERATOR

Denver, Colorado

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

At surface

1080' from the South line & 1050' from the West line
Sec. 29-28N-11W, San Juan County, New Mexico

At proposed prod. zone

Same as surface location.

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

Bloomfield, New Mexico approximately 8 miles South

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

1050'

18. DISTANCE FROM PROPOSED LOCATION*

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

3880'

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

6425'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

328

20. ROTARY OR CABLE TOOLS

Rotary

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

5889' Ground Level Ungraded

22. APPROX. DATE WORK WILL START*

2-20-65

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"	21#	350'	300 sz.
7-7/8"	4-1/2"	10.5#	T.D.	1500 sz.

It is proposed to drill this well with rotary tools to a depth sufficient to reach the Graneros-Dakota formation. Estimated top Graneros-Dakota 6235'. Estimated T.D. 6425'.

8-5/8"OD Casing will be set @ approx. 350' and cemented with sufficient cement to cement from bottom of surface casing to surface, est. 300 sz. If well is productive, 4-1/2"OD casing will be set at total depth and cemented with sufficient cement to protect all zones, estimated 1500 sz in two stages. Productive zones will be perforated, tested, treated if necessary, and well completed to the Graneros-Dakota formation.

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

Senior Clerk

DATE

2-2-65

(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

5. LEASE DESIGNATION AND SERIAL NO.

SF 078863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

None

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

Brause Federal WN

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

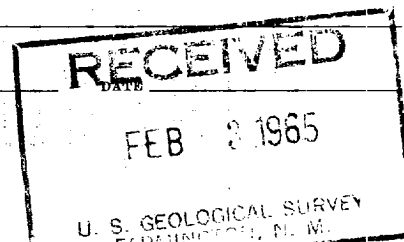
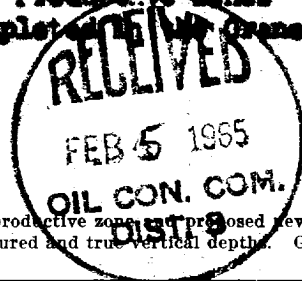
Sec. 29-28N-11W 18MPN

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico



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.

ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SECTION A.

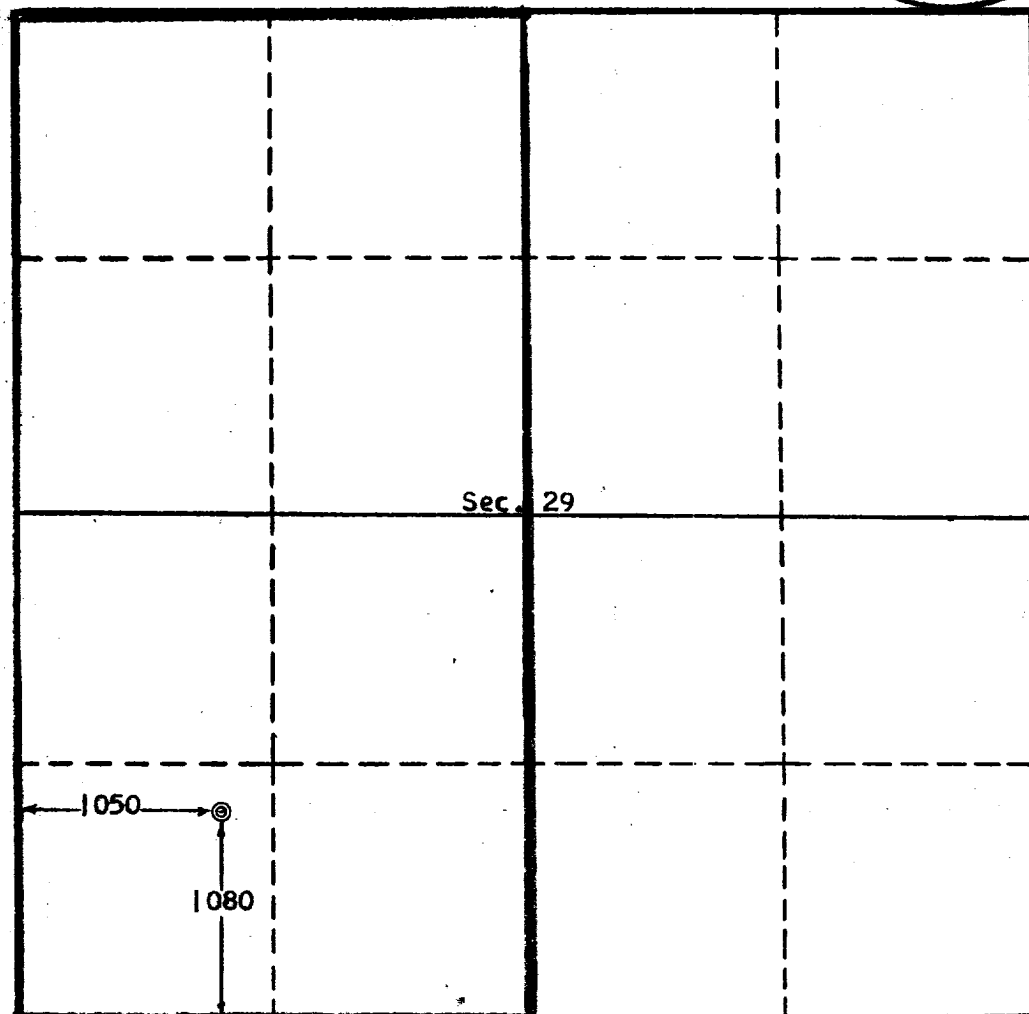
DATE 2-3-65

OPERATOR Sinclair Oil & Gas Company LEASE Krause Federal W.N.
WELL NO. 8 UNIT LETTER M SECTION 29 TOWNSHIP 28 North RANGE 11 West NMPM
LOCATED 1080 FEET FROM South LINE, 1050 FEET FROM West LINE
COUNTY San Juan G. L. ELEVATION 5889 DEDICATED ACREAGE 320 ACRES
NAME OF PRODUCING FORMATION Strawberry - Dakota POOL Dakota Dakota

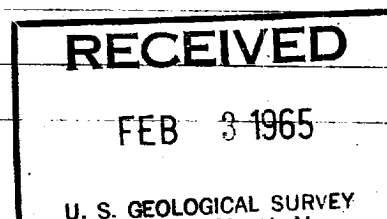
1. IS THE OPERATOR THE ONLY OWNER* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES NO
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES NO IF ANSWER IS "YES," TYPE OF CONSOLIDATION Joint Interest Property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

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

SECTION B.



Scale, 1 inch = 1,000 feet



SINCLAIR OIL & GAS COMPANY

(OPERATOR)

ONE STATE ENGINEERING CO.
Denver, Colorado

(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.

DATE SURVEYED Jan. 29, 1965

FOUR STATES ENGINEERING CO.

FARMINGTON, NEW MEXICO

Ernest A. Cochran
REGISTERED ENGINEER OR LAND SURVEYOR

CERTIFICATE NO. 3602