

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

SF 078673

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

None

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Schlosser-Federal

9. WELL NO.

No. 5

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

34-28N-11W

NMPH

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

601 Denver Club Building Denver, Colorado

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

At surface

790' from the South line and 1150' from the West line

Sec. 34-28N-11W, San Juan County, New Mexico

At proposed prod. zone

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

Bloomfield, New Mexico - 8 miles South

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

1650'

16. NO. OF ACRES IN LEASE

2562.96

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

3500'

19. PROPOSED DEPTH

6600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether T. GR, etc.)

6002 Ground Level

22. APPROX. DATE WORK WILL START*

10-7-64

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
7-7/8"	4-1/2"	10.5#	TD	1500 sx

It is proposed to drill this well with rotary tools to a depth sufficient to test the Dakota formation. Estimated total depth 6600'. Anticipated formations to be encountered are Graneros at approximately 6335' and the Dakota at approximately 6440'.

8-5/8" OD Surface Casing will be set at approximately 350' and cemented from bottom to top with approximately 300 sx cement. If productive zone is encountered 4-1/2" OD or 5-1/2" OD Casing will be run to TD and cemented with sufficient cement to protect all zones. Possible productive zone will be perforated, tested, treated if necessary, and well completed as single zone Basin Dakota gas well.

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 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

October 2, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

OCT 5 1964

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

*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.

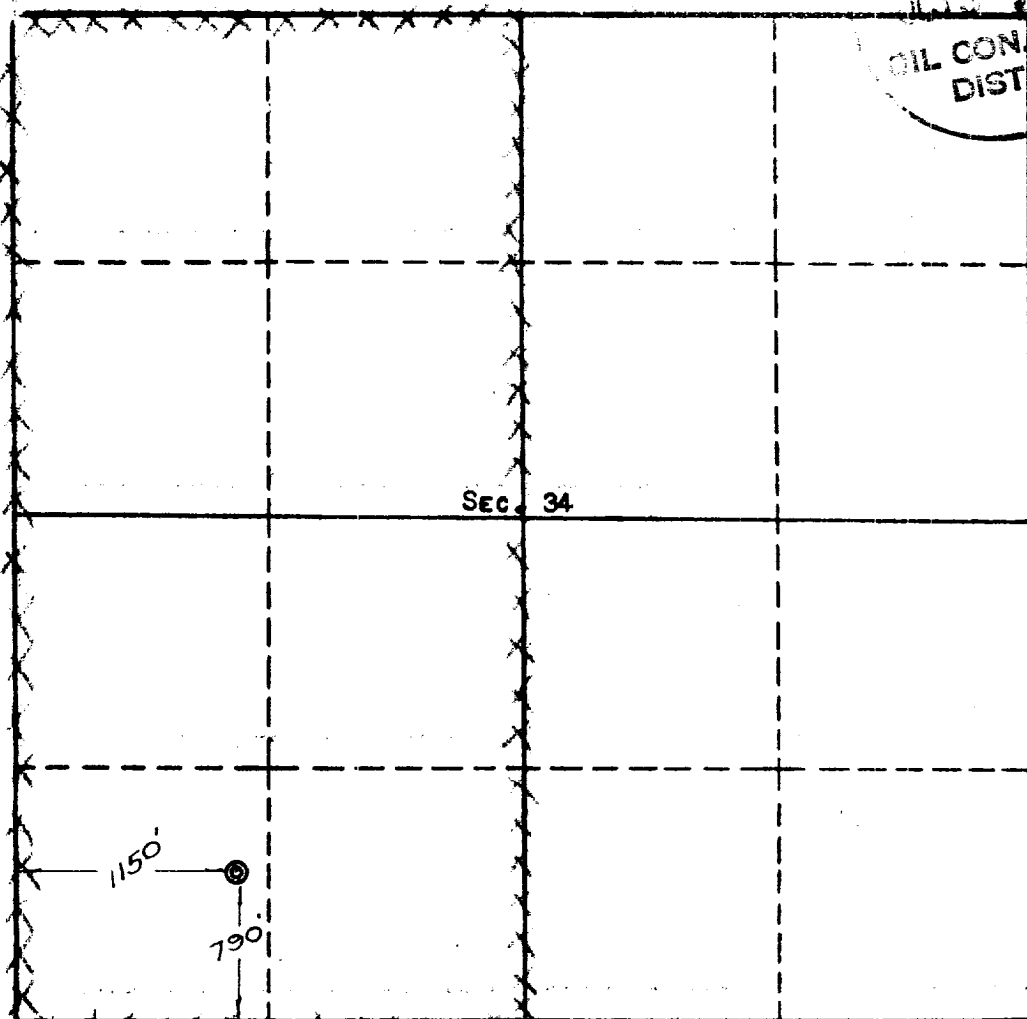
ILLEGIBLE**NEW MEXICO OIL CONSERVATION COMMISSION**
Well Location and Acreage Dedication Plat**SECTION A.**Date **October 2, 1964**

Operator **SINCLAIR OIL & GAS COMPANY** Lease **SCHLOSSER FEDERAL WN**
 Well No. **5** Unit Letter **M** Section **34** Township **28 NORTH** Range **11 WEST** NMPM
 Located **790** Feet From **SOUTH** Line **1150** Feet From **WEST** Line
 County **SAN JUAN** G. L. Elevation **6002** Dedicated Acreage **320** Acres
 Name of Producing Formation **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 Contract Agreement**
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

SECTION B.

RECEIVED
OCT 5 1964
OIL CON. COM.
DIST. 3

RECEIVED**OCT 5 1964**U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

SINCLAIR OIL & GAS COMPANY

(OPERATOR)

Oil District Clerk Building
Durango, Colorado

REGISTERED LAND SURVEYOR
 STATE OF NEW MEXICO
 Reg. No. **3602**
 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 are true and correct to the best of my knowledge and belief.

Date Surveyed **SEPT. 9, 1964**

Four States Engineering Co.
 FARMINGTON, NEW MEXICO

Emerson J. Echo Hawk
 REGISTERED ENGINEER OR
 LAND SURVEYOR

Certificate No. **3602**

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400