

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. SF 078673	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME None	
2. NAME OF OPERATOR Sinclair Oil & Gas Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 601 Denver Club Building Denver, Colorado			8. FARM OR LEASE NAME Schlusser-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1110' from the North line and 1010' from the East line Sec. 3-27N-11W, San Juan County, New Mexico At proposed prod. zone Dakota			9. WELL NO. 6	
14. DISTANCE IN MILES AND LOCATION FROM NEAREST TOWN OR POST OFFICE* Bloomfield, New Mexico - 8 miles South			10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line) 1010'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-27N-11W N.M.P.M.	
16. NO. OF ACRES IN LEASE 2562.96			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED TO NEAREST WELL, DRILL OR APPLIED FOR, ON THIS LEASE 3600'			19. PROPOSED DEPTH 6650'	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* October 20, 1964	
22. ELEVATIONS (Show whether T GR, etc.) 6012' OL				

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	OD CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	21#	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 6650'. Anticipated formations to be encountered are Graneros at approximately 6430' and the Dakota at approximately 6505'.

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 preventer program, if any.

24. SIGNED Clyde A. Logan TITLE Senior Clerk DATE 10-15-64

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY DATE
CONDITIONS OF APPROVAL, IF ANY

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 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 **October 15, 1964**

Operator **SINCLAIR OIL & GAS COMPANY** Lease **SCHLOSSER FEDERAL WN**
Well No. **6** Unit Letter **A** Section **3** Township **27 NORTH** Range **11 WEST NM.PM**
Located **1110** Feet From **NORTH** Line **1010** Feet From **EAST** Line
County **SAN JUAN** G. L. Elevation **6012** Dedicated Acreage **300** Acres
Name of Producing Formation **Dakota** Pool **Basin Dakota**

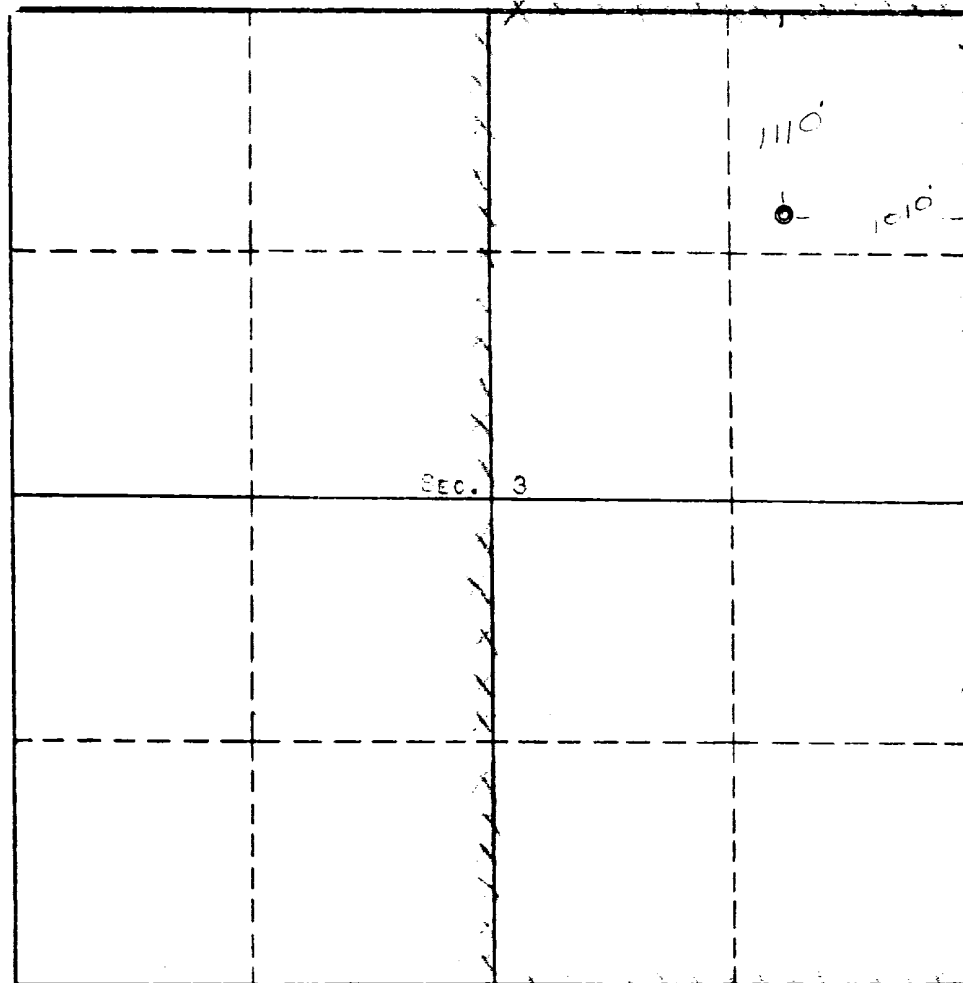
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes **NO**
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization agreement or otherwise? Yes **YES** No **NO** If answer is "Yes," Type of Consolidation **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

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.

SINCLAIR OIL & GAS COMPANY
OPERATOR

REPRESENTATIVE
601 Denver Club Building
Denver, Colorado

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 **JULY 2, 1964**
Four States Engineering Co.
DARWINTON, NEW MEXICO

REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. **3645**

