

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. SP 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 Schlusser-Federal
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 1070' from the North line and 1130' from the East line, Sec. 34-28N-11W, San Juan County, New Mexico At proposed prod. zone		9. WELL NO. 4
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Eloomfield, 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 dril. hole, if any) 1130'	16. NO. OF ACRES IN LEASE 2562.96	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 34-28N-11W NHPM
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLED, COMPLETED, OR APPLIED FOR, ON THIS LEASE 5290'	19. PROPOSED DEPTH 6350'	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether ☐ I. GR, etc.) 5665' GL		13. STATE New Mexico
22. APPROX. DATE WORK WILL START* 9-16-64		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	THICKNESS OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	350	300sx
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 6350'. Anticipated formations to be encountered are Greneros at approximately 6160' and the Dakota at approximately 6230'.

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 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 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. If directional, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout U. S. GEOLOGICAL SURVEY, BIRMINGHAM, N. M.

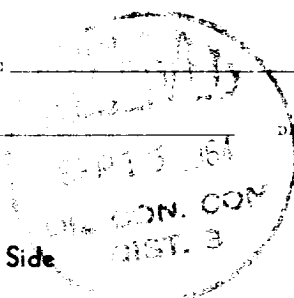
24. SIGNED [Signature] TITLE **Senior Clerk** DATE **9-11-64**
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

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SEP 14 1964



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.

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

SECTION A.

Date September 11, 1964

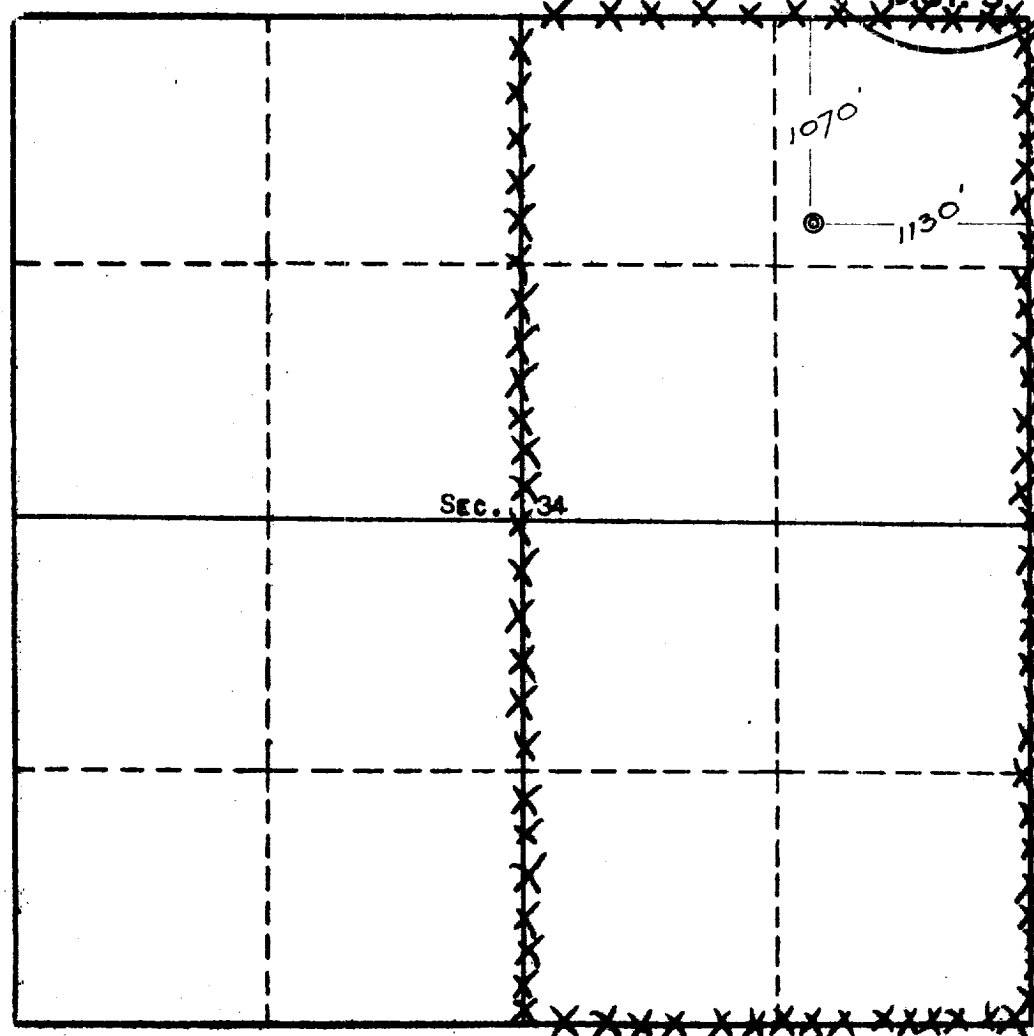
Operator SINCLAIR OIL & GAS COMPANY Lease SCHLOSSER FEDERAL WN
Well No. 1 Unit Letter A Section 34 Township 28 NORTH Range 11 WEST NMPM
Located 1070 Feet From NORTH Line, 1130 Feet From EAST Line
County SAN JUAN G. L. Elevation 5665 Dedicated Acreage 300 Acres
Name of Producing Formation Bakota Pool Bakota Bakota

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes _____ No 10
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes 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.



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SEP 15 1964

OIL CON. COM.
DIST. 3

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SEP 14 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)

Clyde A. Logan
(REPRESENTATIVE)

601 Denver Club Building
Denver, Colorado

(ADDRESS)

ENTERED LAND SURVEYOR
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.
FARMINGTON, NEW MEXICO

Ernest H. Echols
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3602

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date **September 11, 1964**

Operator **SINCLAIR OIL & GAS COMPANY** Lease **SCHLOSSER FEDERAL WN**
Well No. **1** Unit Letter **A** Section **34** Township **28 NORTH** Range **11 WEST** NMPM
Located **1070** Feet From **NORTH** Line, **1130** Feet From **EAST** Line
County **SAN JUAN** G. L. Elevation **5443** Dedicated Acreage **200** Acres
Name of Producing Formation **Del Norte** Pool **Del Norte**

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

SEP 15 1964
OIL CON. COM.
DIST. 3

RECEIVED

SEP 14 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)

W. C. Foy
(REPRESENTATIVE)

**Oil Survey Club Building
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.

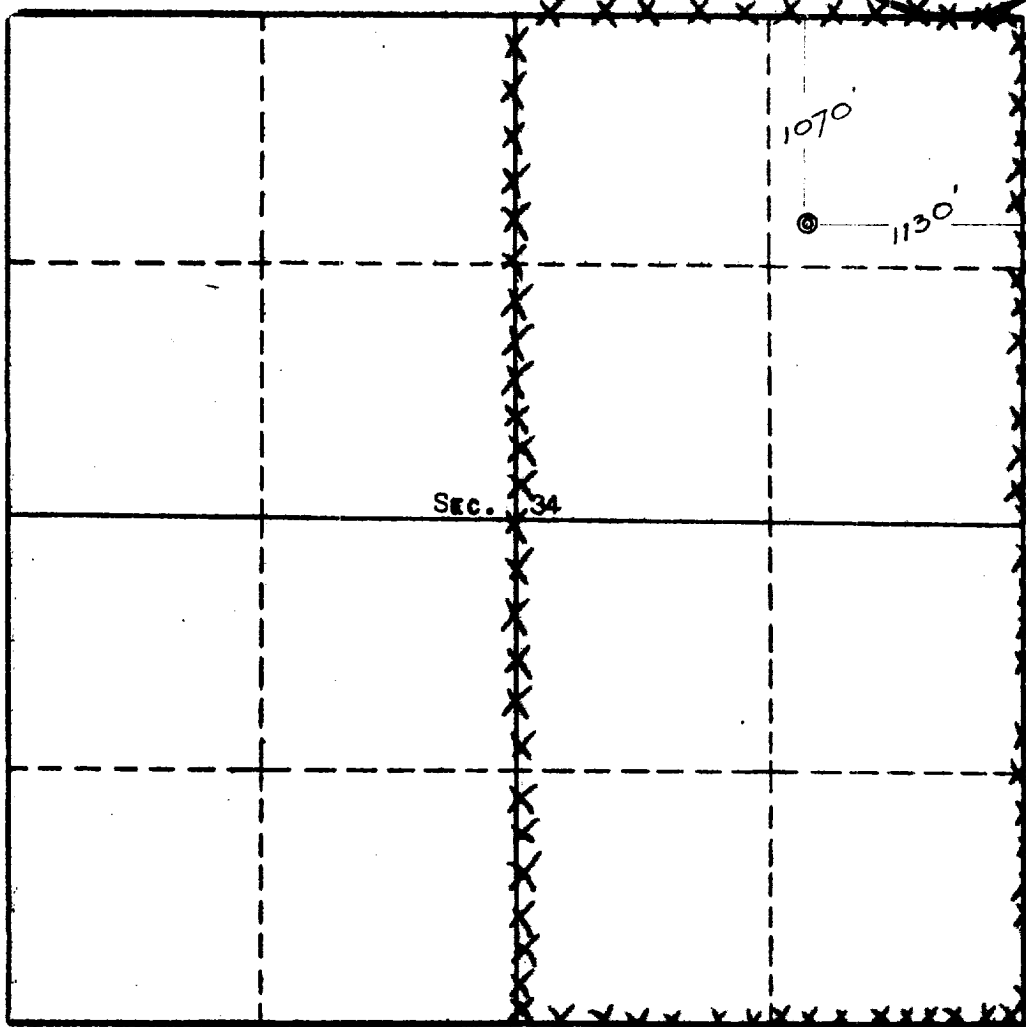
Date Surveyed **JULY 2, 1964**

Four States Engineering Co.
FARMINGTON, NEW MEXICO

Ernest V. Echols
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. **3602**

SECTION B.



0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600