

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 &amp; Gas Company

## 3. ADDRESS OF OPERATOR

501 Lincoln Tower Building, Denver, Colorado 80203

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

At surface

850 FSL & 1630 FWL Sec. 13-30N-13W  
San Juan County, New Mexico

At proposed prod. zone

SAME

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

6 miles north of Farmington, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

850'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3400'

## 16. NO. OF ACRES IN LEASE

320

## 19. PROPOSED DEPTH

6000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5805 G.L.

## 22. APPROX. DATE WORK WILL START\*

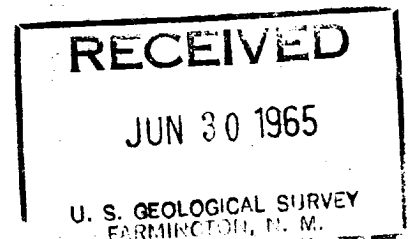
6-30-65

## 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          | 24#             | 350'          | 300 sx             |
| 7-7/8        | 4-1/2          | 10.8#           | TD            | 1500 sx            |

Test Graneros-Dakota estimated Top 4500'. If well is productive, 4-1/2" OD Casing will be set at TD and cemented with sufficient cement to protect all zones, estimated 1500 sx in two stages. Productive zone will be perforated, tested, treated if necessary, and well completed in 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

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

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 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 June 22, 1965

OPERATOR Sinclair Oil & Gas Company LEASE Federal Madder NPM Unit No. 1  
U Adcox B. Federal Com  
WELL NO. 1 UNIT LETTER N SECTION 13 TOWNSHIP 30 North RANGE 13 West NMPM  
LOCATED 850 FEET FROM South LINE, 1630 FEET FROM West LINE  
COUNTY San Juan G. L. ELEVATION 5805 DEDICATED ACREAGE 320 ACRES  
NAME OF PRODUCING FORMATION San Juan POOL San Juan

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

Communication agreement distributed to partners for operation.

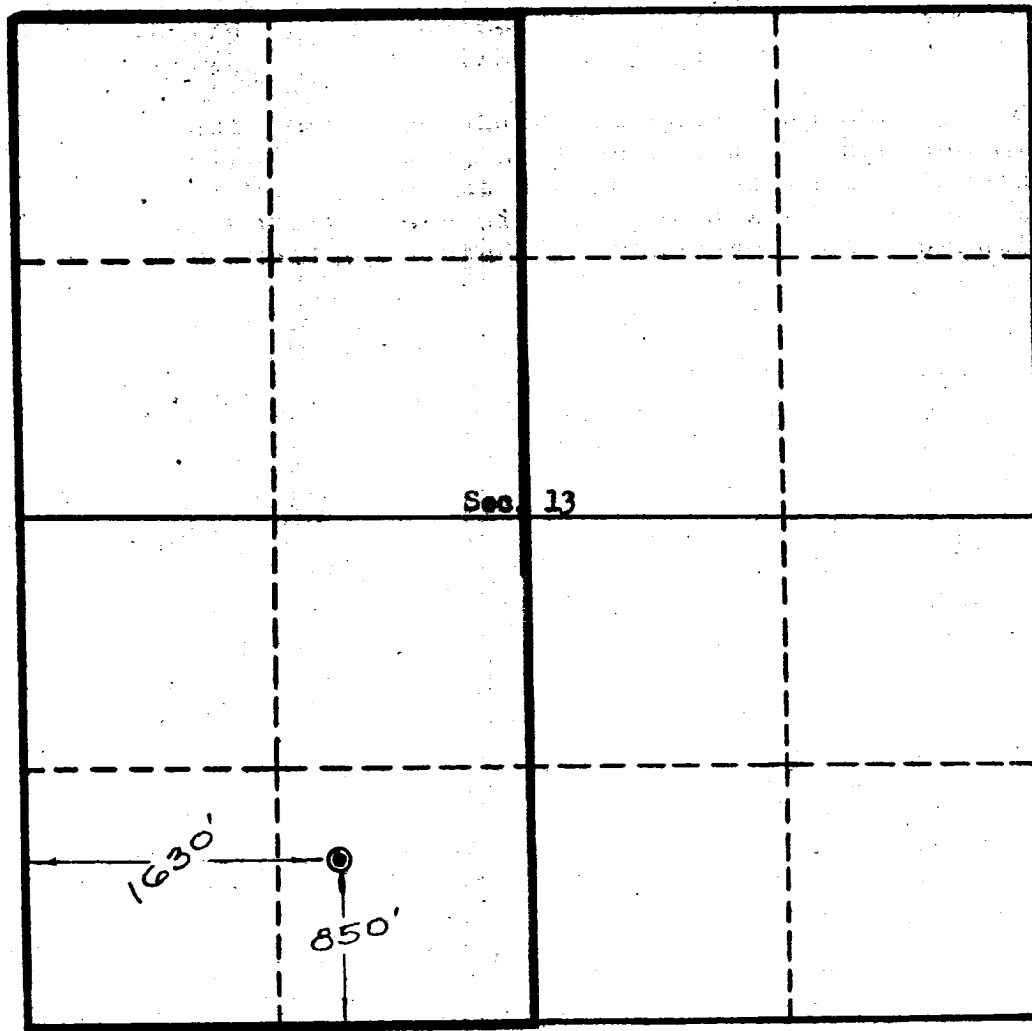
3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:

OWNER

LAND DESCRIPTION

|                            |                       |
|----------------------------|-----------------------|
| Sinclair Oil & Gas Company | 25% of NW/4, S/2 of   |
| Union Oil Company          | 12.5% of NW/4, S/2 of |
| Continental Oil Company    | 25% of NW/4, S/2 of   |
| For American Petroleum     | 12.5% of S/2 of       |

SECTION B.



Scale, 1 inch = 1,000 feet

**RECEIVED**

JUN 30 1965

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)

Plyde P. Lagan

(REPRESENTATIVE)

401 Lincoln Street N.W.  
Denver, Colorado 80202

(ADDRESS)

THIS IS TO CERTIFY THAT THE WELL SHOWN ON THE SECTION WAS PLotted FROM FIELD NOTES OF AGRAL SURVEYS MADE BY ME OR UNDER SUPERVISION AND THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED June 10, 1965

**FOUR STATES ENGINEERING CO.**

FARMINGTON, NEW MEXICO

Earl V. Echols  
REGISTERED ENGINEER OR  
LAND SURVEYOR

CERTIFICATE NO. 3602