

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

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 **1090' from the South line and 990' from the West line**
Sec. 12-30N-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. line, if any)
990'

16. NO. OF ACRES IN LEASE
24.80

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, FT.
4000'

19. PROPOSED DEPTH
6700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5846' GL

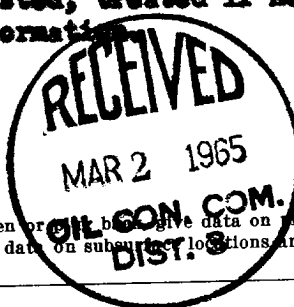
22. APPROX. DATE WORK WILL START*
3-1-65

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"	10.5	TD	1500 Sx.

It is proposed to drill this well with rotary tools to a depth sufficient to test the Graneros-Dakota formation. Estimated top of Graneros-Dakota 6405', and estimated total depth 6700'.

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



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MAR 1 1965

U. S. GEOLOGICAL SURVEY

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 Clyde A. Logan TITLE Senior Clerk

DATE March 1, 1965

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OK

*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.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

DATE March 1, 1965

SECTION A

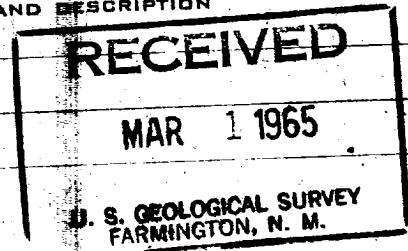
OPERATOR Sinclair Oil & Gas Company LEASE Federal - Maddox WN
 WELL NO. 2 UNIT LETTER M SECTION 12 TOWNSHIP 30 North RANGE 13 West NMPM
 LOCATED 1090 FEET FROM South LINE, 990 FEET FROM West LINE
 COUNTY San Juan G. L. ELEVATION 5846 DEDICATED ACREAGE 200 ACRES
 NAME OF PRODUCING FORMATION San Juan POOL 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 Joint Interest Property - Joint Operating Contract Agreement

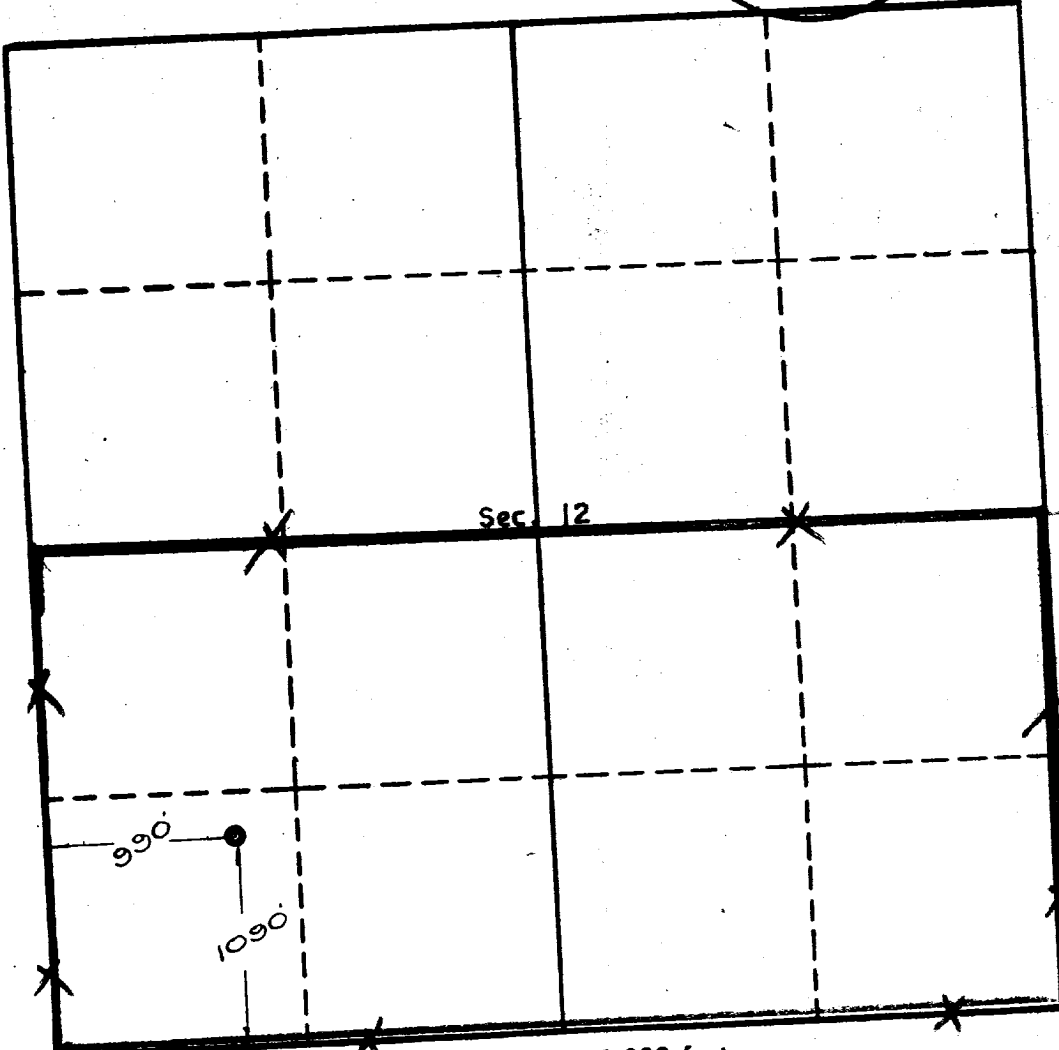
3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:

OWNER

LAND DESCRIPTION



SECTION B.



Scale, 1 inch = 1,000 feet

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 C. Logan
 (REPRESENTATIVE)
405 Denver Club Building
Denver, Colorado, 80202
 (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 February 13, 1965

FOUR STATES ENGINEERING CO.
 FARMINGTON, NEW MEXICO
James V. Echols
 REGISTERED ENGINEER OR LAND SURVEYOR
 CERTIFICATE NO. 3602

