

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

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

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

At surface

Unit letter "C" - 950' 1/2 South & 1500' 1/2 East lines Section 18.

At proposed prod. zone

Same

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

-

15. DISTANCE FROM PROPOSED* 1483' SW to lse line
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 950' to drlg unit line

16. NO. OF ACRES IN LEASE

2400

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED, APPROX 2134'
OR APPLIED FOR, ON THIS LEASE, FT. East 1/4

19. PROPOSED DEPTH

2400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

Est. 6456' G.L. (Flat attached)

22. APPROX. DATE WORK WILL START*

When appl rec'd.

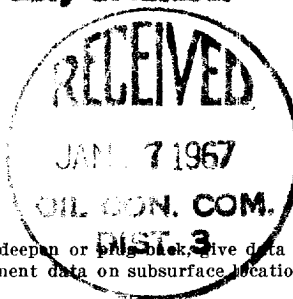
23.

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#	Approx 150'	75-100 sz (Out bottom to top)
7-7/8"	4 1/2 or 5 1/2"	-	Total depth	200 sz.

It is proposed to drill well with rotary tools to a depth sufficient to test the Pictured Cliffs formation, anticipated top at 2200', proposed TD 2400'. 8-5/8" CD casing will be set at approx. 150' and cemented bottom to top, if productive, 4 1/2 or 5 1/2" CD casing will be set w/sufficient cement to pretest all zones, productive zone(s) will be perforated, treated if necessary, and well completed.

Well location and Acreage Dedication Flat, attached.



RECEIVED

JAN 16 1967

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

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

M. E. Brown

TITLE

Chief Office Clerk

DATE

1/14/67

(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

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 ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator SINCLAIR OIL & GAS COMPANY			Lease Nordhaus WN Federal		Well No. 9
Unit Letter 0	Section 18	Township 25 North	Range 7 West	County Rio Arriba	
Actual Footage Location of Well:					
950	feet from the	South	line and	1500	feet from the East line
Ground Level Elev. Est. 6456	Producing Formation Pictured Cliffs		Pool Ballard	Dedicated Acreage: 140 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
Operator is only owner
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the U.S. GEOLOGICAL SURVEY FARMINGTON, N. M.

RECEIVED

JAN 16 1967

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

M. E. Brown
Name **H. E. Brown**
Position **Chief Office Clerk**
SINCLAIR OIL & GAS COMPANY
Company
January 14, 1967
Date

I hereby certify that the well location shown on this plat 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
January 7, 1967
Registered Professional Engineer
and/or Land Surveyor

E. J. Cochran
Certificate No. **3602**

