



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 1157
Hobbs, New Mexico 88240

March 19, 1965

Mr. A. L. Porter, Jr.
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Dear Mr. Porter:

Attached is an information copy of an Application for Permit to Drill a well to a depth of 3,800 feet to test the Yates-Seven Rivers formation in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 22, T. 20 S., R. 34 E., Lea County, New Mexico, filed by Sinclair Oil & Gas Company, P. O. Box 1470, Midland, Texas.

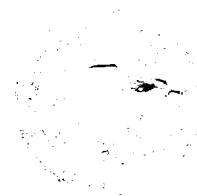
The well location is in the Oil-Potash area on land embraced in Federal oil and gas lease New Mexico 082.

Sincerely yours,

Arthur R. Brown
District Engineer

cc with copy notice to:
N.M.O.C.C. - Hobbs ✓
U.S.G.S. - Carlsbad
U.S.G.S. - Roswell

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



WASHINGTON, D. C.
1900

TO THE
HONORABLE SECRETARY OF THE
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

SIR:

I have the honor to acknowledge the receipt of your letter of the 10th inst., and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,
Yours very truly,

JOHN W. POWELL

Chief of the Division of
Geological and Geographical Names

Very truly,
Yours,
J. W. Powell

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

P. O., Box 1470, Midland, Texas

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

At surface

1650' fr South line & 990' fr West line

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

520

19. PROPOSED DEPTH

3800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable Tools

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

22. APPROX. DATE WORK WILL START*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

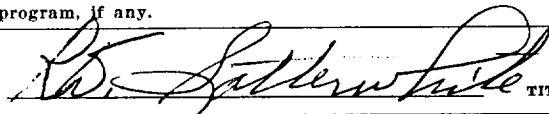
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8 5/8" OD	36#	1550'	525 (circulated)
8"	7" OD	17# & 20#	3500'	175 (circulated) Liner
6 1/2"	4 1/2" OD	9.5#	3500' - TD	75 Liner

Propose to test the Yates-Seven Rivers Sand 3525' to total depth. Propose to set 1550' of 8 5/8" OD and cement with approximately 525 sx cement (circulate), run 7" liner to 3500' and circulate cement, and run 4 1/2" OD liner to total depth.

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 Chief Clerk, Prod. Dept.

DATE

March 10, 1965

(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