

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-041-20192
5. LEASE DESIGNATION AND SERIAL NO.

NM-016644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cities Service-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., N., OR BLK.
AND SURVEY OR AREA

N.M.P.M.

Sec. 13, T-7-S, R-34-E

12. COUNTY OR PARISH 13. STATE

Roosevelt

N. M.

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

Southern Petroleum Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 1434, Roswell, New Mexico 88201

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

At surface

330' FNL & 330' FEL Sec. 13, Twp. 7-S, Rge. 34-E

At proposed prod. zone

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

5 miles north and 4 miles west of Milnesand, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 A unit letter A

20. ROTARY OR CABLE TOOLS

Rotary

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

4260 GR

22. APPROX. DATE WORK WILL START*

March 15, 1969

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#	300'	200 sx. circulated to surface
7-7/8"	4-1/2	10.50#	4400'	350 sx.

Plan to drill thru pay section, run Gamma Ray - Acoustic log total depth to surface casing, Guard, Forxo, and Sidewall Neutron thru pay section. If production is indicated, will set pipe, selectively perforate, and acidize and frac if necessary.

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

B.C. Shick

TITLE District Manager

DATE

March 11, 1969

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 11 1969

J.L. Gordon
J. L. GORDON

ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side