

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

Sanan, Ltd. Bedford Incorporated

3. ADDRESS OF OPERATOR

P.O. Box 255, Farmington, New Mexico 87401

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

At surface

1450'fnl, 1450'fel

At proposed prod. zone

same

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

22 miles South of Farmington

10. DISTANCE FROM PROPOSED*

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

1450 ft.

16. NO. OF ACRES IN LEASE

320 acres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 acres

18. DISTANCE FROM PROPOSED LOCATION*

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

600 ft.

19. PROPOSED DEPTH

1280 ft.

20. ROTARY OR CABLE TOOLS

Rotary

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

5966 Gr.

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	23#	32'	8 Sacks-to surface
4 3/4"	2 7/8"	6.5#	1280'	65 sacks-to surface

It is proposed to drill an 8 3/4" hole to 32', set one joint of 7", 23# surface casing with 8 sacks regular cement; after 12 hrs. setting time to drill a 4 3/4" hole to a total depth of 1280' to test the Pictured Cliffs sandstone. If the electrical log evaluation indicates possible gas-productive zones in the Pictured Cliffs, 2 7/8", 6.5# tubing will be run to total depth and cemented to the surface with 65 sacks cement and a completion attempt will be made by perforating the likely zones. No blow-out preventer is contemplated as mud weight sufficient to control expected low-pressure zones is planned. During any completion attempt a master valve and stripping head will be utilized.

Estimated formation tops are: Ojo Alamo-surface, Kirtland Sh.-215', Fruitland Fm.-915', Pictured Cliffs Ss.-1195'.

gas is indicated

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

Agent

DATE Oct. 5, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK Frank

