

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 ☐

RE-ENTER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

S. P. Yates, et al

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

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

At surface

660' FNL & 1980' FEL of Sec. 5-17S-30E

At proposed prod. zone

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

3 1/2 miles north of Loco Hills, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660

16. NO. OF ACRES IN LEASE

200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

1320'

Re-enter 4700'

20. ROTARY OR CABLE TOOLS

Cable

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

3714' DF

22. APPROX. DATE WORK WILL START*

9-5-72

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Formerly S.P. Yates + Martin Yates, Jr.

Original TD 6587'. Well Now P & A.

Present casing in hole:

295'-570' 8-5/8" 28# 8rd

1501'-2564' 7" 20# 8rd

3999'-4870' 5 1/2" 17# 10&8rd

We propose to re-enter and clean out this well to a total depth of 4700' for the purpose of logging the San Andres and Glorieta zones for evaluation of possible production. As per our phone conversation with Mr. Beekman, USGS assistant engineer, we will submit a proposed casing program if evaluation leads us to believe the well can be completed as a producer in either or both zones.

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

Robert Yates

TITLE

Engineer

DATE

8-30-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AUG 30 1972

APPROVED BY

John G. Rader

TITLE

DISTRICT ENGINEER

DATE

AUG 30 1972

CONDITIONS OF APPROVAL, IF ANY: