

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒AUG 4, 1977 DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

O.C.C.

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ARTESIA, OFFICE

3. ADDRESS OF OPERATOR

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

At surface

1980' FELX 1980' FNL SEC. 7, (UNIT 6, SW 1/4 NE 1/4)

At proposed prod. zone

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

SEE ATTACHED SURFACE USE PLAN

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

1440

18. DISTANCE FROM PROPOSED LOCATION*

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

2640

19. PROPOSED DEPTH

11200

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

3589 GR

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START*

8-14-77

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	400'	CIRCULATE
12 1/4"	9 5/8"	32.3-36#	2900'	CIRCULATE
8 3/4"	5 1/2"	15.5#	11200'	SUFFICIENT TO TIE BACK INTO 9 5/8 CASING

AFTER DRILLING, LOGS WILL BE RUN AND EVALUATIONS MADE, PERFORATING
AND/OR STIMULATING AS NECESSARY IN ATTEMPTING COMMERCIAL PRODUCTION.

BOP PROGRAM ATTACHED.

MUD PROGRAM: 0-400' NATIVE MUD & WATER

400'-2900' NATIVE MUD & BRINE

2900'-11200' LOW SOLIDS NON-DISPERSED MUD
FOR SUITABLE HOLE CONDITION

GAS IS NOT DEDICATED

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

Kenneth Brand

TITLE

Senior Staff Asst

DATE

7-8-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

044-4565, ART AUG 2-1977

1-DIV

1-SUSP

1-KWB

20-PARTNERS

APPROVED

R. L. BLENKIN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS

NOV 3 1977

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

LC-028772(d)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

EMPIRE SOUTH DEEP UNIT

8. FARM OR LEASE NAME

EMPIRE SOUTH DEEP UNIT

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT
UND.

EMPIRE SOUTH MORROW

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

7-18-29

12. COUNTY OR PARISH

EDDY

13. STATE

NM