

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

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

The Stone Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 52382, Lafayette, Louisiana 70505

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

At surface 1,980' FNL and 1,980' FEL of Section 17

At proposed prod. zone Same

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

17 miles west of Jal, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1,980'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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16. NO. OF ACRES IN LEASE

800

19. PROPOSED DEPTH

15,825'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

rotary

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

3334.9' GR

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
26"	20"	Conductor Csg.	40'	cement to surface
17-1/2"	13-3/8"	54.5	588'	500
12-1/4"	10-3/4"	45.5	5,172'	2,825
9-1/2"	7-5/8"	33.7	13,600'	795
6-1/2"	5-1/2"	23.0	13,097'-15,820'	235

Load tubing with salt water sufficient to kill well. Set thru-tubing bridge plug at 15,000' in 5-1/2" casing. Dump 270' of cement on top. Perforate 14,598'-14,603' (Atoka) with 4 JSPF. Clean up well through production equipment and run 4-Point test. The Atoka is the only remaining hydrocarbon-bearing zone in the well. Present completion (Middle Morrow) at 15,154'-56'; 15,175'-178'; 15,389'-92'; 15,418'-20' is producing 30 MCFPD at line pressure (810-830 psig).

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

Michael E. Madala

TITLE

Sr. Operations & Reservoir Engr. 6-4-85

(This space for Federal or State office use)

PERMIT NO.

Orig. C. E. O. 1004-0136

APPROVAL DATE

APPROVED BY

TITLE

DATE

7-3-85

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side