

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
Bettis, Doyle & Stovall

3. ADDRESS OF OPERATOR
Box 1162, Graham, Texas 76046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **660' FSL & 660' FEL**

At proposed prod. zone

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

3 1/2 miles SE of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3013 RT

23. PROPOSED CASING AND CEMENTING PROGRAM

Note: Already in hole

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17 1/4	13 3/8	36	522'
12 1/2	9 5/8	33 & 40	3727'
8 3/4	7	23 & 26	9410'

P.B.T.D. 9530'

PROPOSED ~~STIMULATE~~ **STIMULATE**

1. Plug in bottom - 100' from 9350-9450'
2. Cut and pull 7" casing from approximately 7900'
3. Place 100' cement plug @ approximately 7900' or
4. Place 100' cement plug @ approximately 5150-5250'
5. Mud is to be placed between plugs
6. Perforate & stimulate Yates formation-2800-2900'

Note: We do not plan to pull any 9 5/8" casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present bottom hole condition, depth, and location of well. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measurements. If proposal is to plug back, give pertinent data on plug back location and measurements. If proposal is to stimulate, give pertinent data on stimulation location and measurements. If proposal is to plug back, give pertinent data on plug back location and measurements. If proposal is to stimulate, give pertinent data on stimulation location and measurements.

24.

SIGNED

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

Petroleum Engineer

APPROVED
DEC 10 1973

TITLE

ARTHUR R. BROWN
DISTRICT ENGINEER

5. LEASE DESIGNATION OR SERIAL NO.
NM-7931

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Leonard Federal

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