

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Bettis Brothers, Inc. ✓

## 3. ADDRESS AND TELEPHONE NO.

500 W. Texas, Ste 830, Midland, TX 79701

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

At surface

3576' FSL &amp; 1980' FEL of Sec. 6

At proposed prod. zone

Same

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

13 miles northeast of Carlsbad, NM

## 15. DISTANCE FROM PROPOSED\*

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

1680'

## 16. NO. OF ACRES IN LEASE

601.56

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

300.78

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

700'

## 19. PROPOSED DEPTH

12800'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3460.6' GR

## 22. APPROX. DATE WORK WILL START\*

Following BLM approval

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17.5"	H-40/J-55 13.375"	48-61#	500'	50C sx <b>CIRCULATE</b>
12.25"	J-55 8.625"	24-32#	3000'	80C sx <b>(tie back)</b>
7.875"	J-55 5.5"	17-20#	12800'	120C sx <b>(tie back)</b>

Operator proposes to drill to the Morrow formation to test for possible commercial production of gas. If productive, a 5.5" string of casing will be set from surface to TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal and State regulations and according to good engineering practice. Specific programs according to Onshore Oil & Gas Order #1 are outlined in the following attachments:

1. Well Location and Acreage Dedication Plat
2. Drilling Program
3. Surface Use and Operating Plan
- Exhibit #1 - Blowout Preventers (Also #1A)
- Exhibit #2 - Existing Roads
- Exhibit #2A - Planned Access Roads
- Exhibit #3 - One Mile Radius Map with Lease Boundary
- Exhibit #3A - Well Status Within One Mile
- Exhibit #4 - Drilling Rig Layout
- Exhibit #5 - Production Facilities Layout

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 3/1/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) RICHARD L. MANUS

AREA MANAGER

JUL 7 1993

APPROVED BY

TITLE

DATE

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.