

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

IL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-31036

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
VB-0179

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator
BETTIS, BOYLE & STOVALL

3. Address of Operator
P. O. Box 1240, Graham, Texas 76046

4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE north LINE
AND 1980 FEET FROM THE west LINE OF SEC. 20 TWP. 24S RGE. 33E NMPW

7. Unit Agreement Name

8. Farm or Lease Name
State "20"

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat Morrow

12. County
Lea

11. Elevations (show whether D.F., K.T., etc.)
3337.6' GR
19. Proposed Depth
16,000'
19A. Formation
Morrow
20. Rotary or C.T.
Rotary
21A. Kind & Status Plug. Bond
Statewide/Active
21B. Drilling Contractor
Unknown at this time
22. Approx. Date Work will start
11-1-90

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94	750'	Sufficient to circulate	
17 1/2"	13 3/8"	72	5,150'	Sufficient to circulate	
12 1/4"	9 5/8"	47 & 53.50	12,500'	1000	9,500'
8 1/2"	7 5/8" liner	39	12,250-15,250'	450	
6 1/2"	5" liner	23	15,000-16,000'	200	

Schematic of BOP's attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Harry M. Bettis, Jr. Title Harry M. Bettis, Jr., Agent Date 10-2-90
(This space for State Use)

APPROVED BY KERRY SEXTON TITLE STATE ENGINEER DATE 10-2-90
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.