

## 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

Bell, Foy &amp; Middlebrook, Ltd.

## 3. ADDRESS OF OPERATOR

310 West Texas, Suite 210, Midland, Texas 79701

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

At surface

1980' FWL &amp; 990' FNL, NE/4 NW/4, Unit Letter C

At proposed prod. zone

Same as above.

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

10 air miles Southwest of Caprock, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

## 16. NO. OF ACRES IN LEASE

2192.38

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

N/A

## 19. PROPOSED DEPTH

10,500

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

GL 4006'

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

September 10, 1987

## 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#	450'	Circulate
12-1/4"	8-5/8"	24# and 32#	3000'	Circulate
7-7/8"	5-1/2"	15.5# and 17#	10300'	2000 sacks

It is proposed to drill a straight hole to test the ABO and Devonian Formations for oil and/or gas production. Attached are location and acreage dedication plats, supplemental drilling data, and a surface use and operation plan.

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

R. C. Bell

TITLE General Partner

DATE 8-14-87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Homer Meyer, Acting

TITLE

Area Manager

CONDITIONS OF APPROVAL, IF ANY:

DATE SEP 11 1987

APPROVAL OF THIS APPLICATION 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.

RECEIVED

SEP 14 1961

OCD

MOBES OFFICE

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-76

All distances must be from the outer boundaries of the Section.

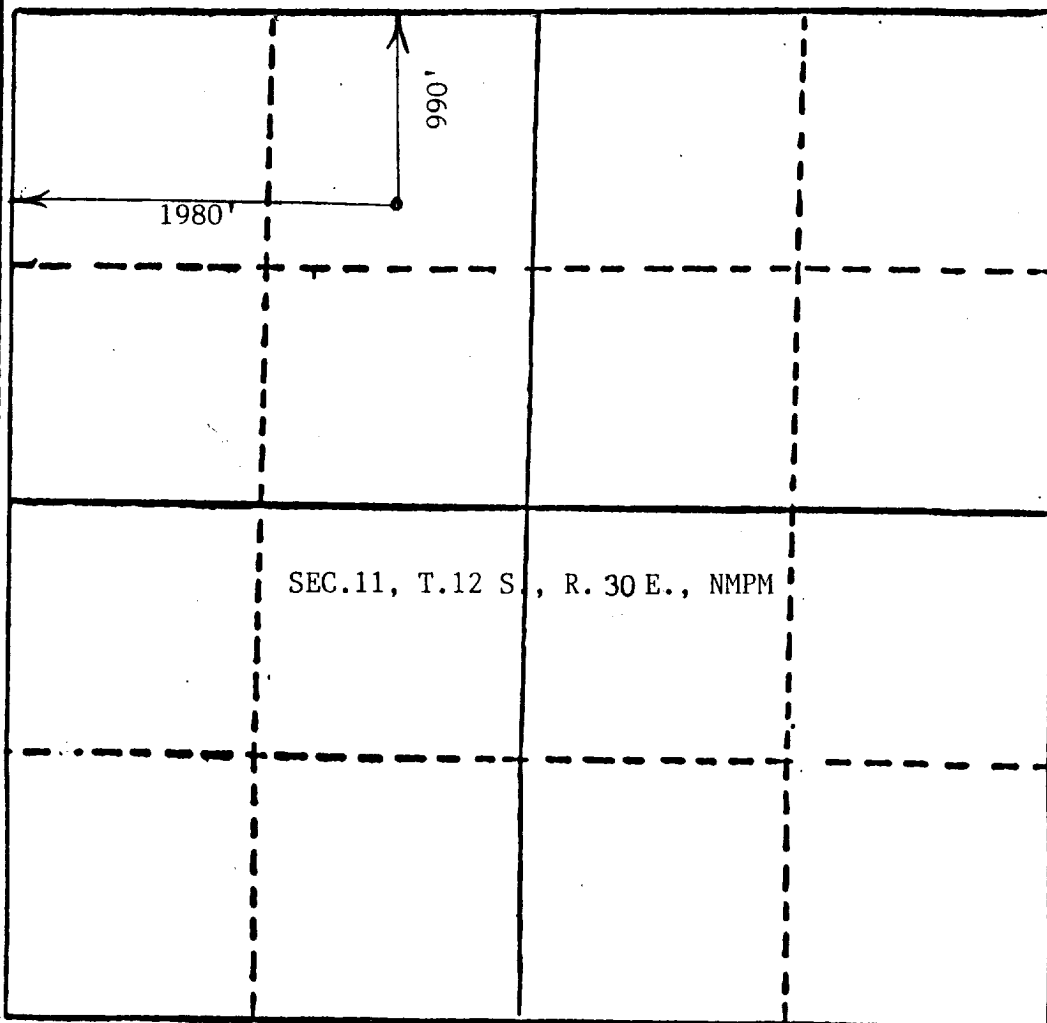
Operator <b>BELL FOY &amp; MIDDLEBROOK, LTD.</b>		Lease <b>CULP RANCH UNIT</b>		Well No. <b>#1</b>
Unit Letter <b>F</b>	Section <b>11</b>	Township <b>12 SOUTH</b>	Range <b>30 EAST</b>	County <b>CHAVES</b>
Actual Wellbore Location of Well 1980 feet from the WEST line and 990 feet from the NORTH line				
Ground Level Elev. <b>4006</b>	Producing Formation <b>Devonian</b>	Pool <b>Wildcat</b>	Dedicated Acreage <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No - If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

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

Name  
**R.C. BELL**  
Position  
**General Partner**  
Company  
**Bell, Foy & Middlebrook, Ltd.**  
Date  
**8-14-87**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

JOHN D. JAQUES  
Date Registered  
**AUGUST 11, 1987**  
Registered Professional Engineer and Geologist  
**John D. Jaques, P.E. & L.S.**  
Certificate No.  
**6290**

**RECEIVED**  
**SEP 14 1987**  
**OCD**  
**HOBBS OFFICE**

SUPPLEMENTAL DRILLING DATA  
Bell, Foy & Middlebrook, Ltd.  
Culp Ranch Unit #1  
1980' FWL & 990' FNL  
Sec. 11, T-12-S, R-30-E N.M.P.M.  
Chaves County, New Mexico



The following information is in accordance with the Onshore Oil and Gas Order No. 1

1. Surface Formation: Quaternary Alluvium
2. Estimated Depths to Subsurface Formation Tops:

Yates	1560'	Wolfcamp	7550'✓
Queen	2280'	Pennsylvanian	8100'
San Andres	2840'	Morrow Clastics	9200'
Glorietta	4100'✓	Mississippian	9500'
Tubb	5650'	Woodford	10130'
Abo	6400'	Devonian	10160'

3. Estimated Depths to Oil, Gas and Water:

Water	300'
Oil and Gas	7400'
Oil and Gas	10160'

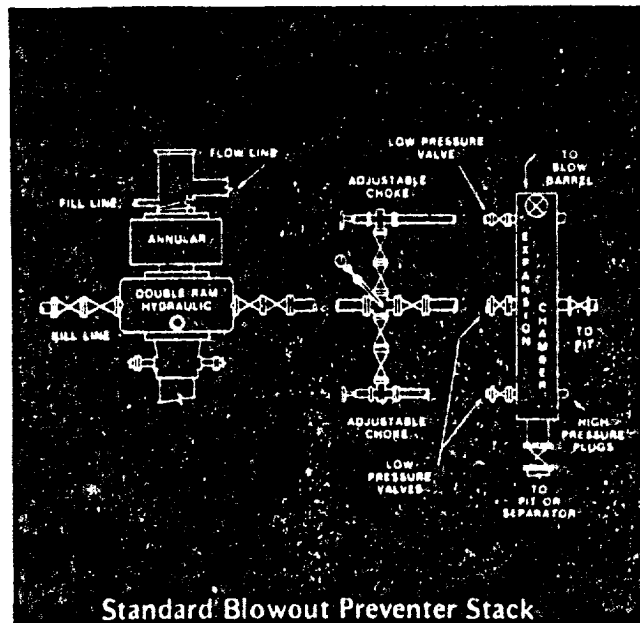
4. Proposed Casing and Cement Program:

Surface Casing: Set approximately 450' of 13-3/8" 48#, H-40, ST&C. Cement sufficient to circulate cement to surface.

Intermediate Casing: Set approximately 3000' of 8-5/8", 24# <sup>(1700')</sup> and 32# <sup>(700')</sup>, J-55, ST&C. Cement sufficient to bring top of cement to base of the surface casing.

Production Casing: Set to total depth ~~1575'~~ <sup>(5750')</sup> and 17# <sup>(4550')</sup> J-55 and N-80, LT&C. Cement sufficient to isolate all oil, gas and water zones. JMC

5. Pressure Control Equipment: A drawing of an A.P.I. Blowout Preventer specification is attached.
6. Testing, Coring and Logging Programs:
  - A. All possible oil and gas bearing zones will be tested by conventional drillstem tests.
  - B. A compensated neutron and a dual laterlog with gammaray will be recorded from intermediate casing point to total depth.
  - C. A mud logging unit will record data from intermediate casing point to total depth.



Standard Blowout Preventer Stack

5,000 psi Working Pressure

ELF  
188-12-16-87  
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