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# NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101  
Revised 10-25-1983

Indicate Type of Lease

**CONSERVATION DIVISION**

U.S. State Oil & Gas Lease No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                                                                                                                             |  |                                  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|--|
| 1a. Type of Work                                                                                                                                                                                                                                                                                                                            |  | 7. Unit Agreement Name           |  |
| b. Type of Well<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | BDCDGU                           |  |
| 2. Name of Operator                                                                                                                                                                                                                                                                                                                         |  | 8. Farm or Lease Name            |  |
| Amoco Production Company                                                                                                                                                                                                                                                                                                                    |  | BDCDGU                           |  |
| 3. Address of Operator                                                                                                                                                                                                                                                                                                                      |  | 9. Well No.                      |  |
| P. O. Box 68, Hobbs, New Mexico 88240                                                                                                                                                                                                                                                                                                       |  | 2034 301G                        |  |
| 4. Location of Well<br>UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE<br>AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>20-N</u> RGE. <u>34-E</u> NMPM                                                                                                                                  |  | 10. Field and Pool, or Wildcat   |  |
|                                                                                                                                                                                                                                                                                                                                             |  | Und. Tubb                        |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 12. County                       |  |
|                                                                                                                                                                                                                                                                                                                                             |  | Union                            |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 19. Proposed Depth               |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 2607'                            |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 19A. Formation                   |  |
|                                                                                                                                                                                                                                                                                                                                             |  | Tubb                             |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 20. History of Well              |  |
|                                                                                                                                                                                                                                                                                                                                             |  | Rotary                           |  |
| 11. Leavitts (Show whether Oil, RT, etc.)                                                                                                                                                                                                                                                                                                   |  | 21A. Kind & Status Plug. Bond    |  |
| 4857' GL                                                                                                                                                                                                                                                                                                                                    |  | Blanket on File                  |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 21B. Drilling Contractor         |  |
|                                                                                                                                                                                                                                                                                                                                             |  | N/A                              |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 22. Approx. Date Work will start |  |
|                                                                                                                                                                                                                                                                                                                                             |  | 3rd Quarter-1983                 |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT   | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------|----------|
| 12-1/4"      | 9-5/8"         | 32.30#          | 700'          | Circ.             | Surface  |
| 8-3/4"       | 7"             | 20.#            | 2607'         | Tieback to 9-5/8" | Surface  |

Propose to drill and equip well in the Tubb formation. After reaching TD logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production.

Mud Program: 0-700' Native Spud Mud  
700'-TD KCL-Salt Water Gel-Starch

BOP program attached  
Gas is not dedicated

COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS

APPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 10-25-1983  
UNLESS DRILLING UNDERWAY

0+2-NMOCD, SF; 1-HOU R. E. Ogden Rm 21.150; 1-SUSP; 1-PJS; 1-Amerada; 1-Amerigas;  
1-Cities Service; 1-Conoco; 1-CC2 in Action; 1-Excelsior; 1-Sun. Tex.; 1-Exxon;  
1-Jim Russell, Clayton; 1-F. J. Nash, HOU Rm 4.206

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. 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 Carl M. Long Title Assistant Administrative Analyst Date 7-21-83

(This space for State Use)

APPROVED BY Carl M. Long TITLE Assistant Administrative Analyst DATE 7-21-83

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

AMOCO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

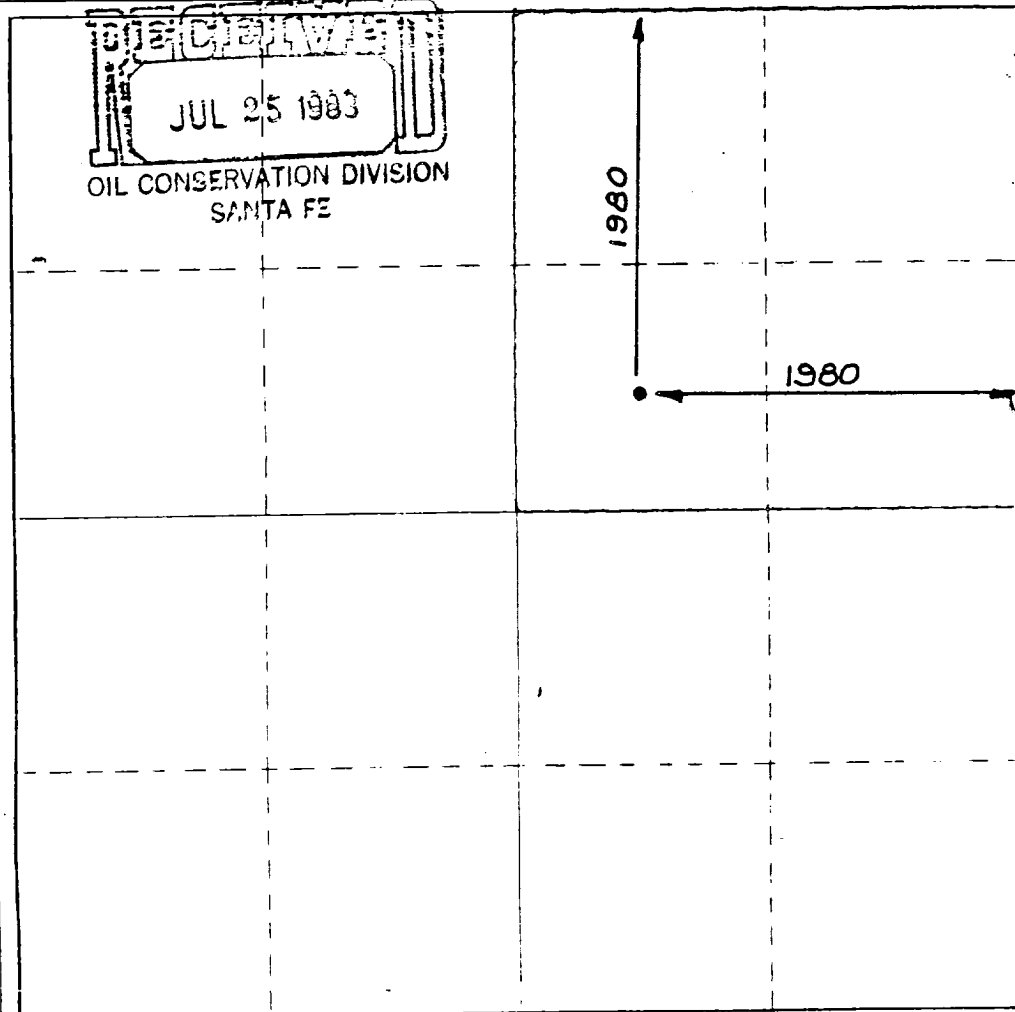
|                                                                                                                                |                                    |                         |                                         |                        |                                        |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|-----------------------------------------|------------------------|----------------------------------------|
| Lessee<br><b>AMOCO PRODUCTION COMPANY</b>                                                                                      |                                    |                         | Lease<br><b>Bravo Dome CO2 Gas Unit</b> |                        | Well No.<br><b>2034301G</b>            |
| West Quarter<br><b>G</b>                                                                                                       | Section<br><b>30</b>               | Township<br><b>T20N</b> | Range<br><b>R34E</b>                    | County<br><b>UNION</b> |                                        |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>EAST</b> line |                                    |                         |                                         |                        |                                        |
| Ground Level Elev.<br><b>4857</b>                                                                                              | Producing Formation<br><b>Tubb</b> |                         | Pool<br><b>Und. Tubb</b>                |                        | Dedicated Acreage:<br><b>160</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 Commission.



**CERTIFICATION**

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

Name \_\_\_\_\_  
 Position **Assist. Admin. Analyst**  
 Company **Amoco Production Company**  
 Date **7-22-83**

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.

**REGISTERED LAND SURVEYOR**  
 State of **NEW MEXICO**  
 No. **5103**  
 Registered Professional Engineer and/or Land Surveyor  
**LEE E. SHAFER**  
 Date Certified **JUNE 1983**

0 110 640 90 1120 1650 218 2310 2640 2000 1500 1000 500 0

STANDARD 2000 PSI W.P. BOP STACK

1. Blow-out preventers may be manually operated.
2. All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test) minimum.
3. Bell nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock to be installed on kelly.
5. Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
6. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
7. Double or space saver type preventers may be used in lieu of two single preventers.
8. BOP rams to be installed as follows:
  - Top preventer - Drill pipe or casing rams
  - Bottom preventer - Blind rams

\*Amoco District Superintendent may reverse location of rams.
9. Extensions and hand wheels to be installed and braced at all times.
10. Manifold valves may be gate or plug metal to metal seal 2" minimum.

