

OIL CONSERVATION DIVISION

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

|                        |   |
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API # 30-059-20253  
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5A. Indicate Type of Lease  
STATE ☐ FEE ☒  
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/><br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 7. Unit Agreement Name<br>BDCDGU<br>8. Form or Lease Name<br>BDCDGU<br>9. Well No.<br>2233 191G<br>10. Field and Pool, or Wildcat<br>Bravo Dome Carbon Dioxide Gas Unit 640-Acre Area |
| 2. Name of Operator<br>Amoco Production Company<br>3. Address of Operator<br>P. O. Box 606, Clayton, New Mexico 88415<br>4. Location of Well<br>UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE<br>AND 1980 FEET FROM THE East LINE OF SEC. 19 TWP. 22-N RGE. 33-E NMPM                                                                                                                 |  | 12. County<br>Union                                                                                                                                                                   |
| 19. Proposed Depth<br>2900'<br>20. Rotary or C.T.<br>Rotary<br>21A. Kind & Status Plug. Bond<br>Blanket-on-file<br>21B. Drilling Contractor<br>N/A<br>22. Approx. Date Work will start<br>August, 1984                                                                                                                                                                                      |  |                                                                                                                                                                                       |
| 23. 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'          | Circulate         | surface  |
| 8-3/4"       | 7"             | 15, 20#         | 2900'         | 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 Diagram attached.

APPROVAL VALID FOR 180 DAYS  
3-3-85  
UNLESS CANCELLED BY ORDER

0+5-NMOCD, SF 1-J. R. Barnettt, HOU Rm. 21.156 1-F. J. Nash, HOU Rm. 4.206 1-WF, C 1-WF, 1-Susp, 1-JSM, 1-Amerada 1-Amerigas 1-Cities Service 1-Conoco 1-CO2 in Action 1-Sun 1-Excelsior 1-Tex 1-Exxon

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

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

Signed John D. McElyea Title Assist. Admin. Analyst Date 8-30-84

PROVED BY Roy Johnson TITLE DISTRICT SUPERVISOR DATE 9-4-84  
CONDITIONS OF APPROVAL, IF ANY

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1  
Survey Plat  
5-103

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

|                                  |                             |                  |                                    |                                 |                         |
|----------------------------------|-----------------------------|------------------|------------------------------------|---------------------------------|-------------------------|
| AMOCO PRODUCTION COMPANY         |                             |                  | Bravo Dome Carbon Dioxide Gas Unit |                                 | Well No. 2233191G       |
| Unit Letter<br>G                 | Section<br>19               | Township<br>T22N | Range<br>R33E                      | County<br>UNION                 |                         |
| Actual Footage Location of Well: |                             |                  |                                    |                                 |                         |
| 1980                             | feet from the               | NORTH            | line and                           | 1980                            | feet from the EAST line |
| Ground Level Elev.<br>4980       | Producing Formation<br>Tubb |                  | Pool<br>Bravo Dome 640-Acre Area   | Dedicated Acreage:<br>640 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 communization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Pooling Declaration

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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

|                                                                                                                                                                                        |                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Tract 1099<br/>Sun Prod.Co.<br/>Mates Pecos<br/>Slope ROYT, TR<br/>CO2 in Action<br/>F.B.Mates, et. ux.<br/>George Scott<br/>H.W. Strickland<br/>Joe Wells<br/>J.A. Whittenburg</p> | <p>Tract 484 A PT<br/>Amoco Prod. Co.<br/>Cornell Oil Co.<br/>Corona Oil Co.<br/>Laura L. Poling et. al.</p>                                        |
| <p>Tract 117<br/>Amoco Prod. Co.<br/>Poling<br/>Cornell Oil Company<br/>Corona Oil Company<br/>Laura L. Poling et. al.</p>                                                             | <p>Tract 480 PT<br/>J.W. &amp; Barbara Roberts<br/>H.W. Strickland<br/>M.D. Smithson et. ux.<br/>Amoco Prod Co<br/>Stickland<br/>Cornell Oil Co</p> |

CERTIFICATION

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

Name John L. McElyea  
Position Asst. Adm. Analyst  
Company Amoco Production Company  
Date 8-30-84

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.

AUGUST 30, 1984

Date Surveyed  
REGISTERED LAND SURVEYOR  
NEW MEXICO  
5103  
E. SHIELDS

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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.

