

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

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API #30-021-20215

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		7. Well Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☐ GAS WELL ☒ CO2 ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		Bravo Dome Carbon Dioxide Gas Unit	
2. Name of Operator		8. Well Name	
Amoco Production Company		Bravo Dome Carbon Dioxide Gas Unit	
3. Address of Operator		9. Well No.	
P.O. Box 68 Hobbs, New Mexico 88240		2133 3316	
4. Location of Well		10. Well Name	
UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE		Bravo Dome Carbon Dioxide Gas Unit 640-Acre Area	
AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>21N</u> RCE. <u>33E</u> N.M.P.M.			
11. Elevation (show whether DT, HL, etc.)		12. County	
<u>4985'</u> GL		<u>Harding</u>	
19. Proposed Depth		15A. Formation	
2900'		Tubb	
21A. Kind & Status Plug. Band		20. Rotary or C.T.	
Blanket-on-file		Rotary	
21B. Drilling Contractor		22. Approx. Date Work will start	
N/A		<u>ASAP</u>	

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"	20.0#	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.

O+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-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-
DUCTIVE ZONE. GIVE SLOTTED-SCREEN PROGRAM IF ANY.

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

Signed Charles M. Terry Title Administrative Analyst (SG) Date 8-21-85
(This space for State Use)

APPROVED BY Kay E. Johnson TITLE DISTRICT SUPERVISOR DATE 8-22-85
CONDITIONS OF APPROVAL IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-22-86
UNLESS DRILLING UNDERWAY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11,
Supersedes O-128
Effective 1-1-65

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

Operator AMOCO PRODUCTION COMPANY			Lease Bravo Dome Carbon Dioxide Gas Unit		Well No. 2133 331G
Unit Letter G	Section 33	Township T21N	Range R33E	County HARDING	
Actual Footage Location of Well: 1650 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 4985	Producing Formation Tubb		Pool Bravo Dome 640 Acre Area	Dedicated Acreage: 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 communitization, unitization, force-pooling, etc?

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

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.

S 26 PT Amoco Prod. Co. State of New Mexico-A11			
	85 PT Amoco Production Company J. C. Heimann et al	1980	
S 26 PT Amoco Production Company State of New Mexico-A11			

CERTIFICATION

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

Charles M. Lanning
Signature
Admin. Analyst (SG)
Company
Amoco Production Company
Date
8-21-85

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.

JULY 26, 1985

Date Surveyed
Paul Shultz
Registered Professional Engineer
and/or Land Surveyor

N.M.L.S. NO. 5103
Certificate No.

0 400 800 1200 1600 2000 2400 2800 3200 3600 4000 4400 4800 5200 5600 6000

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.

