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LAND OFFICE	
OPERATOR	

API# 30-059-20287

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 b. Type of Well OIL WELL ☐ GAS WELL ☒ CO2 ☐ OTHER ☐		DRILL ☒ DEEPEN ☐ PLUG BACK ☐		Bravo Dome Carbon Dioxide Gas Unit	
2. Name of Operator Amoco Production Company		SINGLE ZONE ☒ MULTIPLE ZONE ☐		Bravo Dome Carbon Dioxide Gas Unit	
3. Address of Operator P.O. Box 68 Hobbs, New Mexico 88240				9. Well No. 2135-3216	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>21-N</u> R. <u>35-E</u>				Bravo Dome Carbon Dioxide Gas Unit 640-Acre Area	
16. Elevation (show whether DP, H, etc.) 4640' GL		19. Proposed Depth 2900'		15A. Formation Tubb	
21A. Kind & Status Plug. Bond Blanket-on-file		21B. Drilling Contractor N/A		20. Rotary or C.C. Rotary	
23.				22. Approx. Date work will start 10-14-85	

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.

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-CMH 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 Gary C. Clark Title Administrative Analyst Date 10-8-85

APPROVED BY Roy E. Johnson TITLE DISTRICT SUPERVISOR DATE 10-11-85

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-11-86
UNLESS DRILLING UNDERWAY

All distances must be from the outer boundaries of the Section

Operator AMOCO PRODUCTION COMPANY		Lease Bravo Dome Carbon Dioxide Gas Unit		Well No. BDCDGU 2135321G
Unit Letter G	Section 32	Township T21N	Range R35E	County UNION
Actual Footage Location of Wells:				
1650 feet from the NORTH		line and	1650 feet from the EAST line	
Ground Level Elev. 4640	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 actively 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.

481 PT			
Amoco Production Company			
Dick Hyson et ux			
George Hermann, Inc.			

CERTIFICATION

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

Name *Harry C. Clark*
Position *Admin. Analyst*
Company *Amoco Production Co.*
Date *10-8-85*

I hereby certify that the well location shown on this plot 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 29, 1985

Date Surveyed _____
[Signature]
 Registered Professional Engineer
 and/or Land Surveyor

N.M.L.S. NO. 5103

Certificate No. _____

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.

