

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

API # 30-059-20278

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work a. Type of Well OIL WELL ☐ GAS WELL ☒ CO2 OTHER ☐		b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐		Bravo Dome Carbon Dioxide Gas Unit	
2. Name of Operator Amoco Production Company		3. Address of Operator P.O. Box 68 Hobbs, New Mexico 88240		Bravo Dome Carbon Dioxide Gas Unit	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>20-N</u> REC. <u>34-E</u>		5. Well No. <u>2034 3216</u>		Bravo Dome Carbon Dioxide Gas Unit 640-Acre Area	
6. Elevations (Show whether Dr, h, l, etc.) <u>4875'</u> GL		7. Kind & Status Plug. Bond Blanket-on-file		8. Drilling Contractor N/A	
9. Proposed Depth 2900'		10. Formation Tubb		11. Rotary or C.T. Rotary	
12. Approx. Date Work will start ASAP					

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.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-12-86
UNLESS DRILLING UNDERWAY

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 PROGRAMS IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO:
IVE 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 Charles M. Lerring Title Administrative Analyst (SG) Date 9-18-85

APPROVED BY Roy Johnson TITLE DISTRICT SUPERVISOR DATE 9-20-85

CONDITIONS OF APPROVAL (ANY)

Form C-102
Supersedes C-128
Effective 1-1-65

Operator AMOCO PRODUCTION COMPANY		Lease Bravo Dome Carbon Dioxide Gas Unit		Well No. 2034321G
Unit Letter G	Section 32	Township T20N	Range R34E	County UNION
Actual Footage Location of Well: 1650 feet from the NORTH line and 1650 feet from the EAST line				
Ground Level Elev. 4875	Producing Formation Tubb	Pool Bravo Dome 640 Acre Area		Dedicated Acreage: 640 Acres

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

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.

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

Name Charles M. Verrey
Position Admin. Analyst (SG)
Company Amoco Production Company
Date 9-18-85

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.

J. L. ...
 REGISTERED LAND SURVEYOR
 Date: ...
 Registered Professional Engineer
 and/or Land Surveyor
 NEW MEXICO
 N. M. L. S. 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.

