

OIL CONSERVATION DIVISION

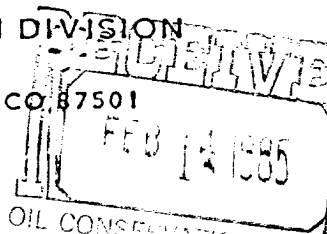
P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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AP-4
30-059-20259



Indicate Type of Lease
STATE ☐ FEDERAL ☒
State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		2. Unit Agreement Name Bravo Dome Carbon Dioxide Gas Unit
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ CO2 ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Form or Lease Name Bravo Dome Carbon Dioxide Gas Unit
2. Name of Operator Amoco Production Company		9. Well No. 2234 051J
3. Address of Operator P.O. Box 606, Clayton, NM 88415		10. Field and Pool or Wildcat Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area
4. Location of Well UNIT LETTER J LOCATED 1650 FEET FROM THE South LINE AND 1650 FEET FROM THE East LINE OF SEC. 5 TWP. 22-N RGE. 34-E N.M.P.M.		12. County Union
19. Proposed Depth 3,800'		19A. Formation Tubb
20. Rotary or C.T. Rotary		
1. Elevations (show whether DT, HJ, etc.) 4865' GL	21A. Kind & Status Plug. Bond Blanket on File	21B. Drilling Contractor N/A
		22. Approx. Date Work will start March 1, 1985

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#	3800'	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.Barnett, HOU Rm 21.156 1-F.J.Nash, HOU Rm 4.206 1-WF-C 1-WF-H 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

APPROVAL VALID FOR 180 DAYS
PERMIT NO. 8-13-85
UNLESS OTHERWISE NOTED

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.

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

Signed Donny Holcomb Title Administrative Supervisor Date 2-12-85

(This space for State Use)

APPROVED BY David C. Lister TITLE INSPECTOR DATE 2-14-85

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

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

Operator AMOCO PRODUCTION COMPANY			Lease BRAVO DOME CARBON DIOXIDE GAS UNIT		Well No. 2234051J
Unit Letter J	Section 5	Township T22N	Range R34E	County UNION	
Actual Footage Location of Well: 1650 feet from the SOUTH line and 1650 feet from the EAST line					
Ground Level Elev. 4865	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 hachure 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 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

T-230 Amoco Production Company Marguerite D. Freeman Hazel L. Leighton Forrest L. Swails Loren F. Leighton, etal	T-230 Rema O. Leighton etal Gerald A. Leighton etux Ray W. Leighton Harry H. Crooks, etux	T-254 Amoco Prod. Co. Hazel L. Leighton Edward Leighton heirs
T-234 Amoco Production Company Marguerite D. Freeman Forrest L. Swails Loren F. Leighton etal Ray W. Leighton heirs Roy D. Leighton etal Harry H. Crooks, etux Rema O. Leighton, etal		T-256 Amoco Prod. Co.
	T-256 Amoco Prod. Co. Edward Leighton etux heirs	T-254 Amoco Prod. Co. Hazel L. Leighton Edward Leighton heirs

CERTIFICATION

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

Name Danny Holcomb
Position Administrative Supervisor
Company Amoco Production Company
Date 2-12-85

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.

FEBRUARY 12, 1985
Date Surveyed E
[Signature]
Registered Professional Engineer
and/or Land Surveyor
N.M.E.S. NO. 5103
Certificate No. SHIELD

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600

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. Well 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.

ILLEGIBLE

