

District I
PO Box 1930, Hobbs, NM 88241-1930
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: AMOCO PRODUCTION COMPANY PO BOX 606 CLAYTON NM 88415		OGRID Number 000778
		API Number 30-059-20365
Property Code 000335	Property Name BDCDGU - 2234	Well No. 342

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	34	22N	34E		500	South	200	East	Union

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 Bravo Dome Carbon Dioxide Gas 640	Proposed Pool 2
--	-----------------

Work Type Code N	Well Type Code C	Cable/Retary R	Lease Type Code P	Ground Level Elevation 4749.00'
Multiple No	Proposed Depth 2450'	Formation Tubb	Contractor Sitton	Spud Date June 1, 1996

Proposed Casing and Cement Program

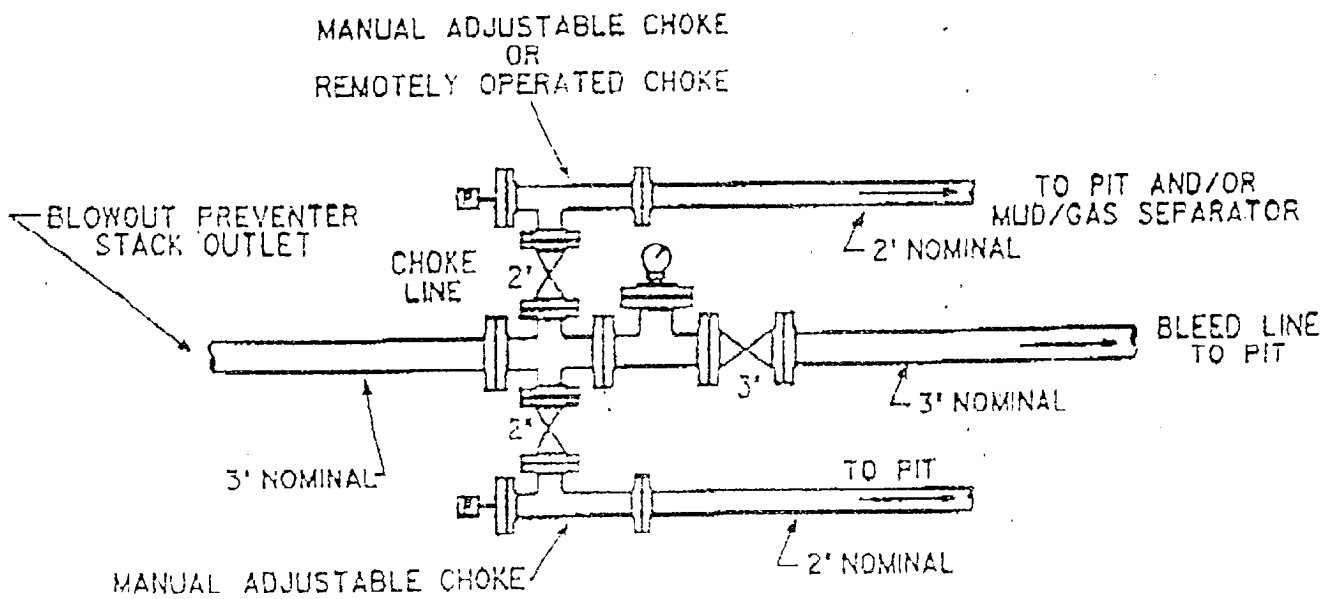
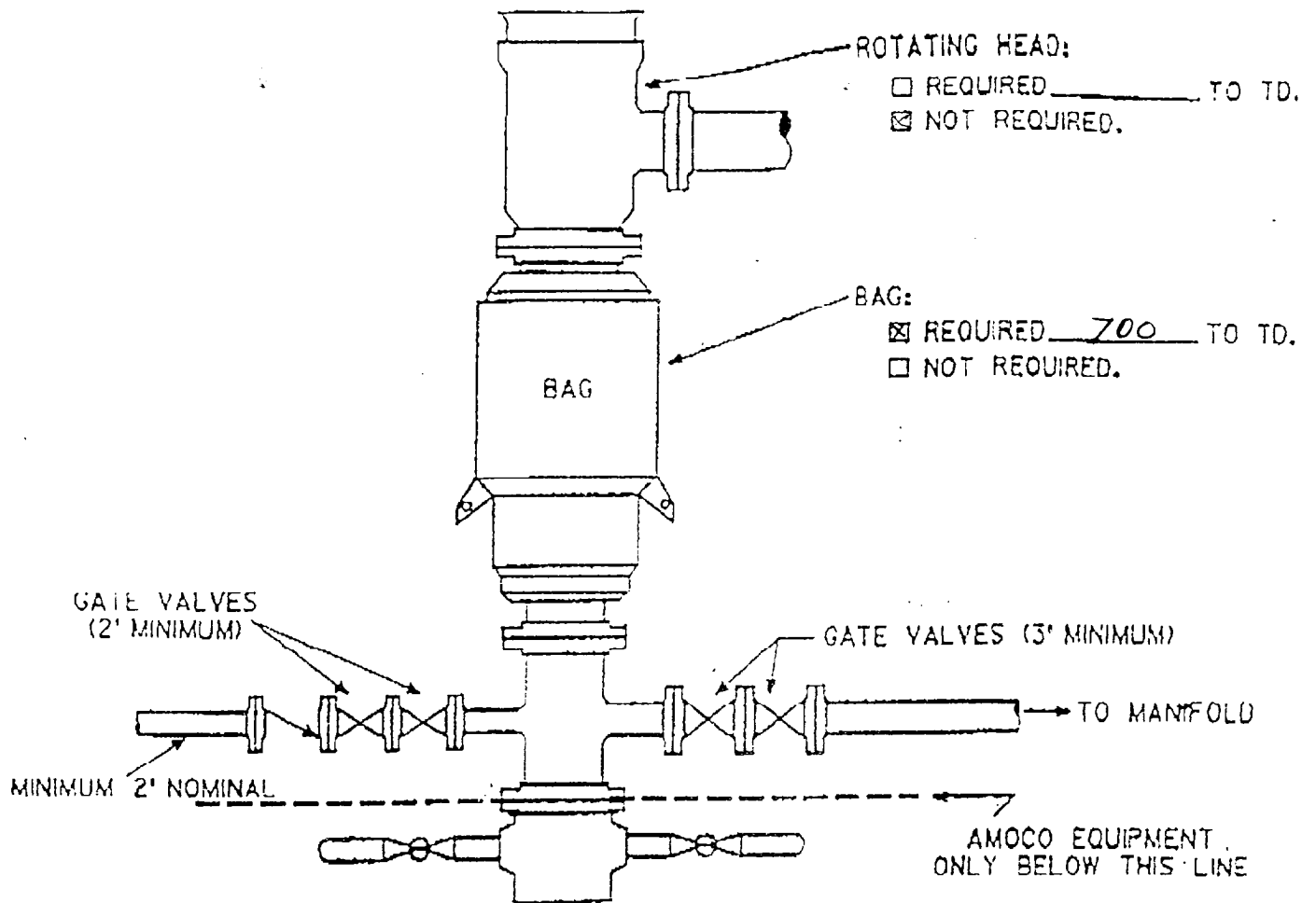
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.250"	8.625"	24#ft steel	700 ft	450 sacks	surface
7.875"	5.50"	5.91#ft glass	2450 ft	270 sacks	surface
		15.50#ft steel			

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mud Program 0 - 700' Fresh water/native mud
700' -2450' Fresh water/starch/gel

BOP Program attached

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Billy E. Erichard</i>		OIL CONSERVATION DIVISION Approved by: <i>Ry Johnson</i>	
Printed name: Billy E Erichard		Title: DISTRICT SUPERVISOR	
Title: Field Foreman		Approval Date: 6/28/96	Expiration Date: 6/28/97
Date: 6/11/91	Phone: 374-3053	Conditions of Approval: Attached ☐	





**Amoco Exploration and Production
U.S.A. Operations Group**

Permian Basin Business Unit

501 WestLake Park Boulevard
Post Office Box 4891
Houston, Texas 77210

**P. M. Jarrell
Resource Manager, Bravo Dome**

May 17, 1996

**Roy Johnson, District Supervisor
Oil Conservation Division
New Mexico Department of Energy
Minerals and Natural Resources
2040 South Pacheco Street
Sante Fe, New Mexico 87505**

File: PMJ - 4266 - 400

**Re: Application for Administrative Approval of Unorthodox Well Location,
BDCDGU 2234 Well No. 342P
Union County, New Mexico**

Dear Mr. Johnson:

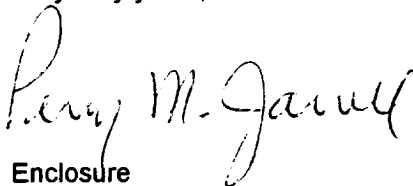
Amoco hereby seeks administrative approval pursuant to the provisions of amended Division Rule 104 F(2), effective January 18, 1996, of an unorthodox well location for its BDCDGU 2234 Well No. 342P to be drilled at a location 500 feet from the south line and 200 feet from the east line of Section 34, Township 22N, Range 34E, NMPM., Union County, New Mexico.

The unorthodox location is necessary for engineering reasons (i.e., reservoir pressure, drainage, ultimate gas recovery, etc.). Infill wells at orthodox locations will not recover enough incremental reserves to justify drilling them under the current economic climate. The only viable way to increase ultimate recovery is to drill at an unorthodox location as proposed in this application.

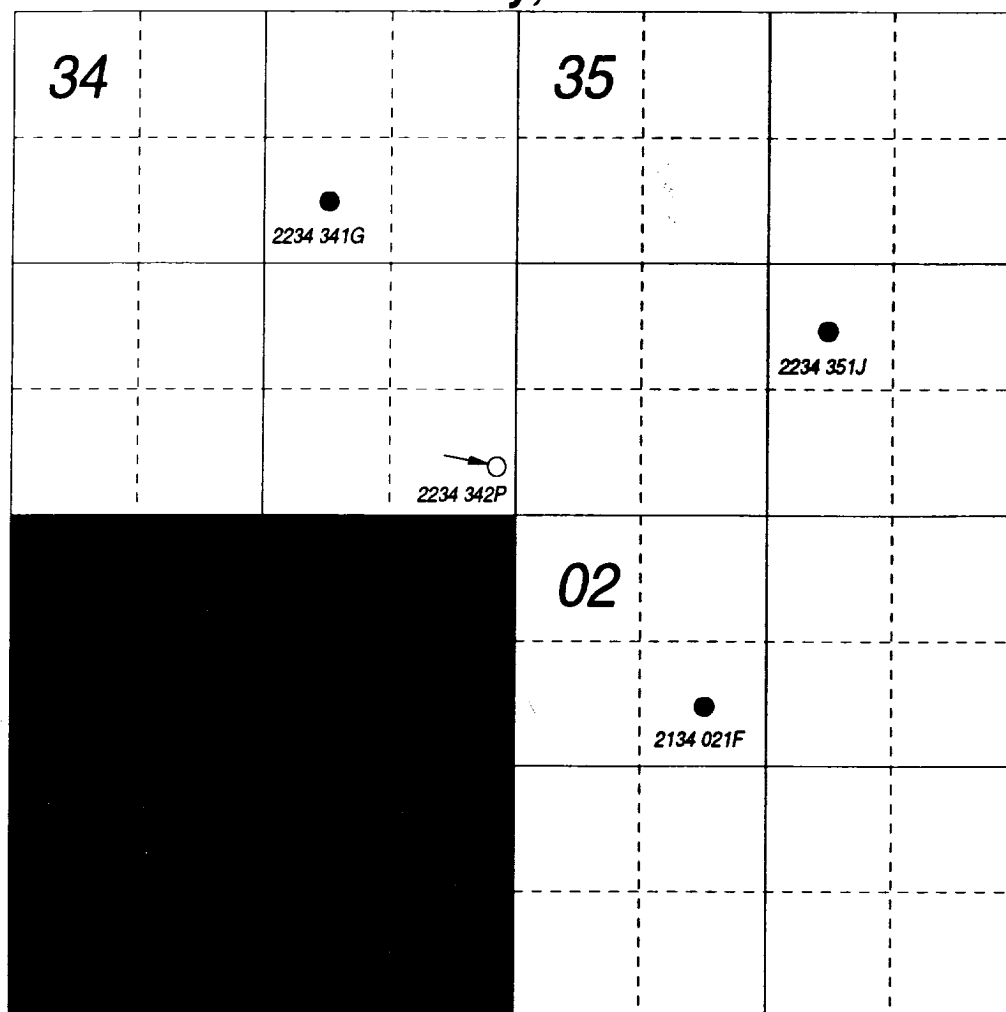
Diagonal and adjoining sections to the unorthodox well location are operated by Amoco, are leased by Amoco, or are subject to a lease owned by another working interest owner in the Bravo Dome Carbon Dioxide Gas Unit and committed to the Unit. No notification to "affected parties" under amended Division Rule 104.F(4), effective January 18, 1996 is required. Exhibit A shows the subject spacing unit, proposed unorthodox location, and the diagonal/adjoining spacing units.

Your attention to this request is appreciated.

Very truly yours,


Enclosure

Bravo Dome Well No. 2234 342P
500' FSL x 200' FEL
Section 34, Township 22N, Range 34E
Union County, New Mexico



Amoco Lease
(No well on lease)

Amoco Operated
(One well on each Section)

Exhibit A