District I
PO Box 1980, Hobbs, NM 88241-1980
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

[1] Operator Name and Address	[2] OGRID Number
AMOCO PRODUCTION COMPANY PO BOX 606 CLAYTON NM 88415	000778
	[3] API Number 30 - 059-20359

[4] Property Code	[5] Property Name	[6] Well No.
000335	BDCDGU - 1835	232

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	18N	35E		204	North	1195	West	Union

[8] Proposed Bottom Hole Location If Different From Surface

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

[9] Proposed Pool 1	[10] Proposed Pool 2
BRAVO DOME CARBON DIOXIDE GAS 640 96010	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	C	R	P	4577.10
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	2450'	Tubb	Aztec	Junel, 1996

[21] 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	700ft	450 sacks	surface
7.875"	5.50"	5.91#ft glass	2450ft	270 sacks	surface
		15.50#ft steel			

[22] 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

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

Signature: Billy E. Prichard

Printed name: Billy E Prichard

Title: Field Foreman

Date: 5/15/96 Phone: 374-3053

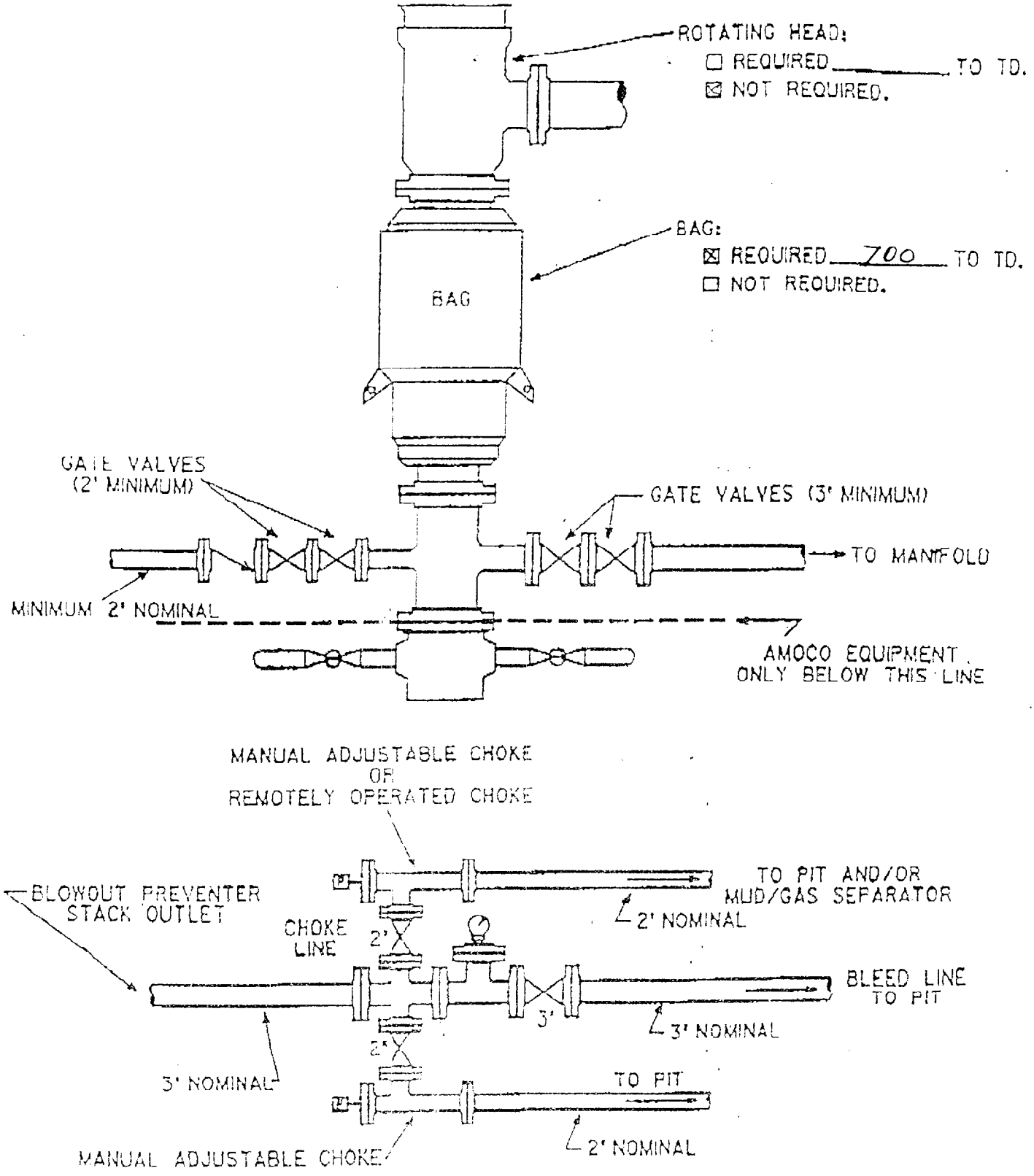
OIL CONSERVATION DIVISION

Approved by: Ky Ekhrum

Title: DISTRICT SUPERVISOR

Approval Date: 6/28/96 Expiration Date: 6/28/97

Conditions of Approval:
Attached ☐


ROTATING HEAD:
☐ REQUIRED _____ TO TD.
☒ NOT REQUIRED.
BAG:
☒ REQUIRED 700 TO TD.
☐ NOT REQUIRED.
BAG
GATE VALVES (2" MINIMUM)
GATE VALVES (3" MINIMUM)
TO MANIFOLD
MINIMUM 2" NOMINAL
AMOCO EQUIPMENT ONLY BELOW THIS LINE
MANUAL ADJUSTABLE CHOKE OR REMOTELY OPERATED CHOKE
BLOWOUT PREVENTER STACK OUTLET
CHOKE LINE
2"
TO PIT AND/OR MUD/GAS SEPARATOR
2" NOMINAL
BLEED LINE TO PIT
3"
3" NOMINAL
3" NOMINAL
TO PIT
2" NOMINAL
MANUAL ADJUSTABLE CHOKE

30-057-20551

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 - 4271 - 400

Re: Application for Administrative Approval of Unorthodox Well Location,
BDCDGU 1835 Well No. 232D
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 1835 Well No. 232D to be drilled at a location 204 feet from the north line and 1195 feet from the west line of Section 23, Township 18N, Range 35E, 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.

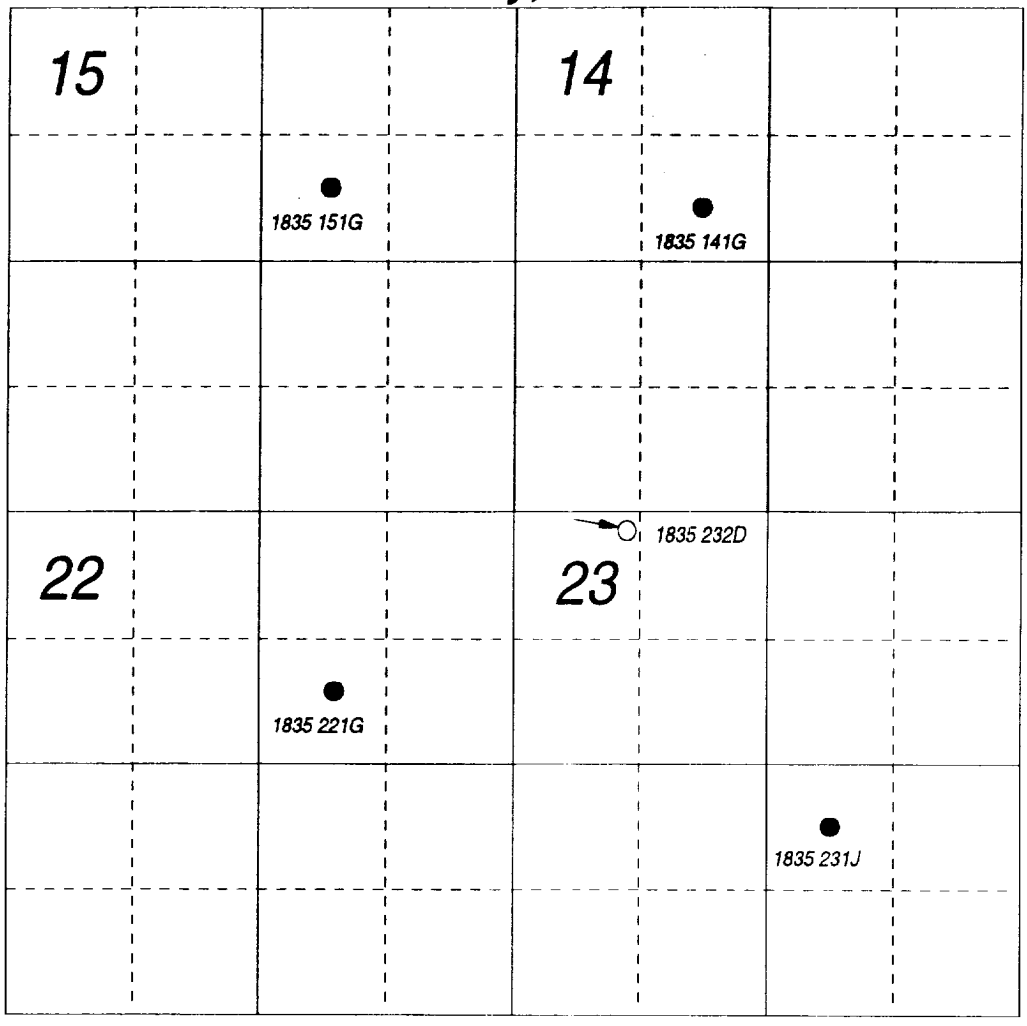
Your attention to this request is appreciated.

Very truly yours,

P. M. Jarrell

Enclosure

Bravo Dome Well No. 1835 232D
204' FNL x 1195' FWL
Section 23, Township 18N, Range 35E
Union County, New Mexico



Amoco Operated
(One well on each Section)

Exhibit A