

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

Operator Name and Address: AMOCO PRODUCTION COMPANY PO BOX 606 CLAYTON NM 88415		OGRID Number 000778
		API Number 30-059-20363
Property Code 000335	Property Name BDCDGU - 2135	Well No. 302

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
M	30	21N	35E		482'	South	255	West	Union

8 Proposed Bottom Hole Location If Different From Surface

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

Proposed Pool 1 Bravo Dome Carbon Dioxide Gas 640	96010	Proposed Pool 2
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Work Type Code N	Well Type Code C	Cable/ Rotary R	Lease Type Code P	Ground Level Elevation 4741.70'
Multiple No	Proposed Depth 2450'	Formation Tubb	Contractor Aztec	Spud Date June 1, 1996

21 Proposed Casing and Cement Program

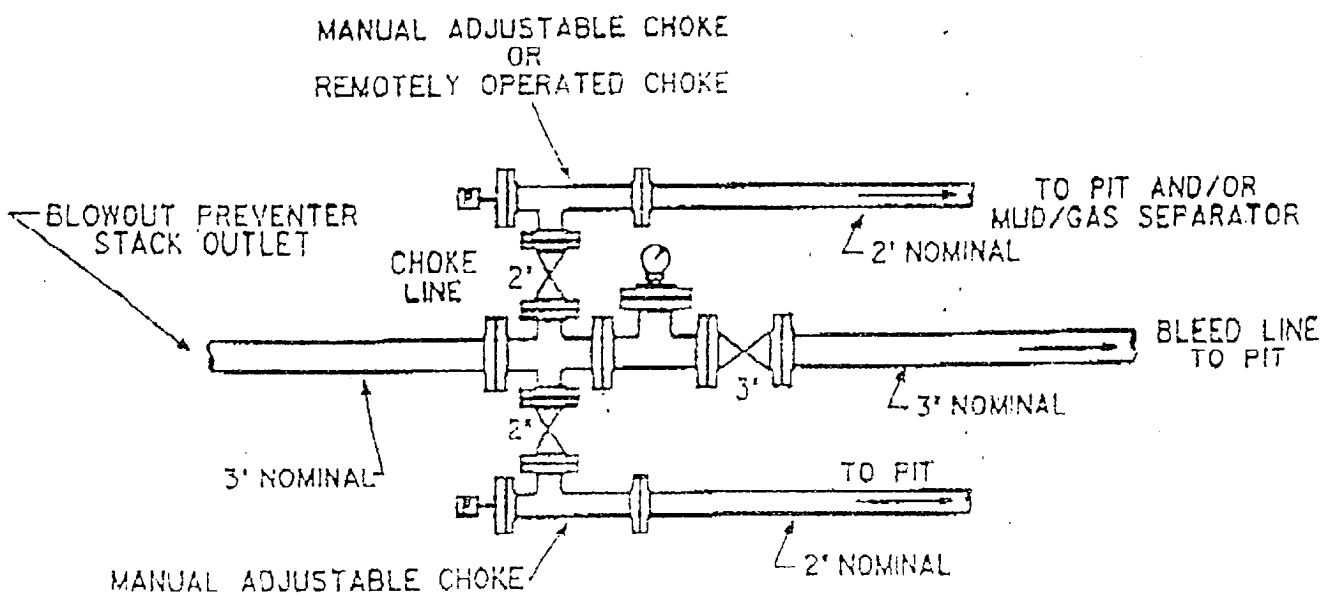
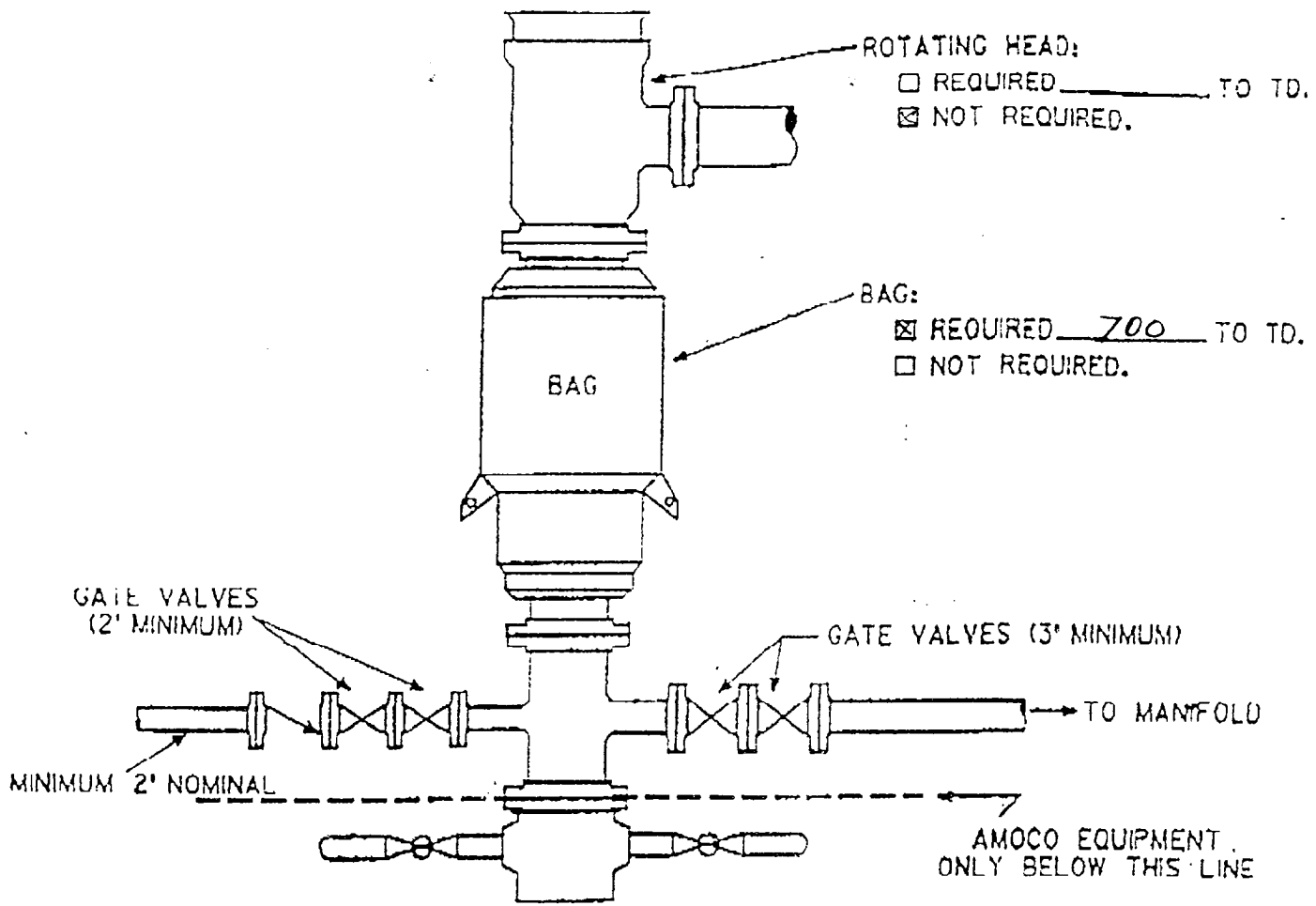
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.250"	8.625"	24#ft steel	700 ft	450 sacks	surface
7.875"	5.50"	5.91#ft glass	2450 ft	270 sacks	surface
		15.50#ft steel			

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. Prichard</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i>	
Printed name: Billy E Prichard		Title: DISTRICT SUPERVISOR	
Title: Field Foreman		Approval Date: 6/28/96	Expiration Date: 6/28/97
Date: 5/15/96	Phone: 374-3053	Conditions of Approval: Attached ☐	



16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Billy E. Prichard</i> Signature <u>BILLY E. PRICHARD</u> Printed Name <u>FIELD FOREMAN</u> Title <u>5/15/96</u> Date
255' Well No. 2 AMOCO 576000 482'				18 SURVEYOR CERTIFICATION 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 belief. <u>April 29, 1996</u> Date of Survey Signature and Seal of Professional Surveyor <i>Larry A. Fisher</i> <u>LARRY A. FISHER</u> Certificate Number <u>11013</u>



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 - 4270 - 400

Re: Application for Administrative Approval of Unorthodox Well Location,
BDCDGU 2135 Well No. 302M
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 2135 Well No. 302M to be drilled at a location 482 feet from the south line and 255 feet from the west line of Section 30, Township 21N, 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.

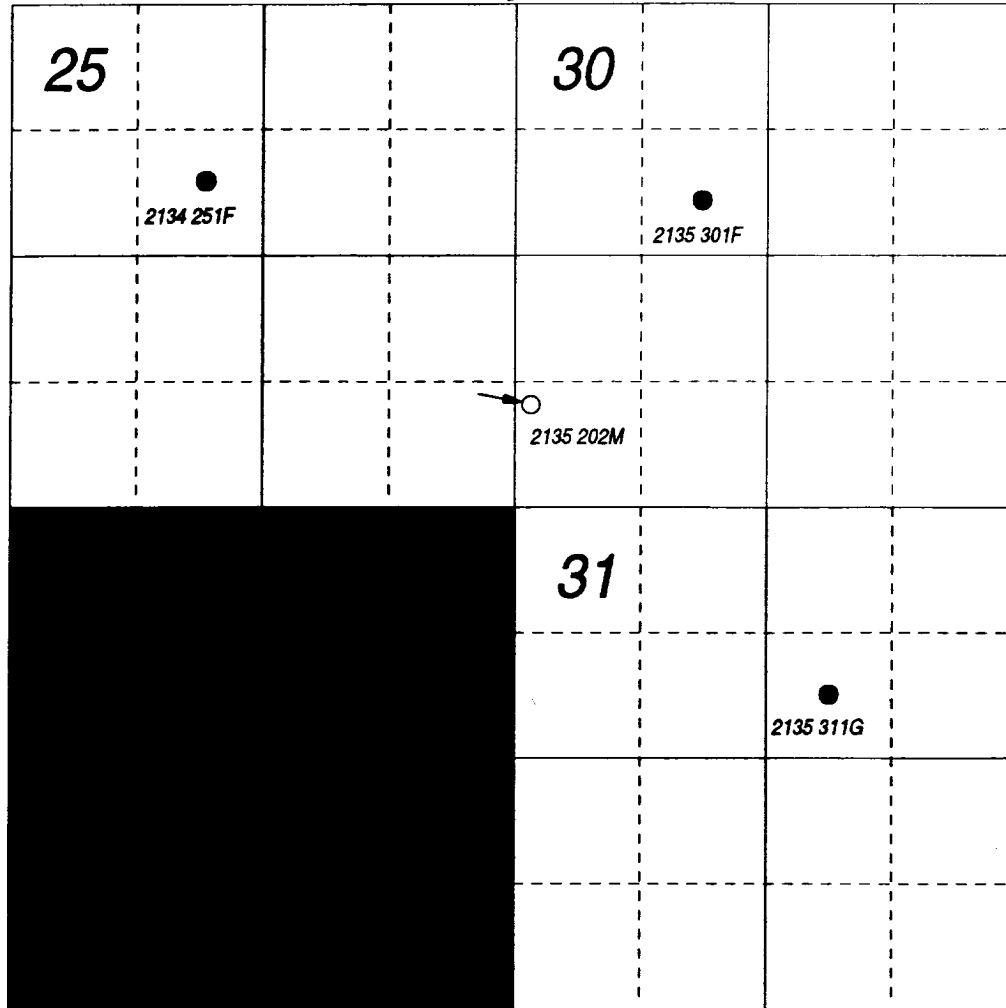
Diagonal and adjoining sections to the unorthodox well location are operated by Amoco, are leased by Amoco, or are subject to a lease owned by another working interest owner in the Bravo Dome Carbon Dioxide Gas Unit and committed to the Unit. No notification to "affected parties" under amended Division 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,

Enclosure

Bravo Dome Well No. 2135 302M
482' FSL x 255' FWL
Section 30, Township 21N, Range 35E
Union County, New Mexico




Amoco Lease
(One PxA well on Section 36)


Amoco Operated
(One well on Sections 25 & 31)

Exhibit A