

Amoco Production Company (USA)

Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson District Superintendent

September 7, 1983

File: SJO-1723-WF

Re: Application for Non-Standard Proration Units BDCDGU Wells 2033 011G, 2033 021G, 2033 031G,

2033 041G, 2033 051G, 2034 031G, 2034 041G, 2034 061G

Union and Harding Counties, New Mexico



Ġ

NSPOHDA Rule webstachment of sure webstachment

State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87501

Attention: Mr. Joe D. Ramey

Gentlemen:

Administrative approval is hereby requested for non-standard proration units for eight wells in our Bravo Dome Carbon Dioxide Gas Unit. The subject eight wells, locations and dedicated acreage are shown on Attachment A.

Our plans are to drill new development wells at the subject locations, which require 160 acres dedication according to NMOCD regulations (Rule 104). The non-standard proration unit is required due to the subject wells being located in "short sections" as evidenced by the attached Form C-102's Acreage Dedication Plats.

The non-standard units consist of quarter-quarter sections that are contiguous by a common bordering side and are located wholly within a single government quarter section. Amoco is the only offset operator, therefore, waivers are not required.

September 7, 1983 File: SJO-1723-WF Page 2

I would appreciate your favorable approval of this application. If you have any questions, contact Pete McRae in our Hobbs District Office, at $(505)\ 393-1781$.

Yours very truly,

Attachments

Attachment A

Well No.	<u>Location</u>	Dedicated Acreage	
2033 011G	1108.8' FNL x 1980' FEL, Sec. 1, T-20-N, R-33-E Harding County, New Mexico ムナルン と 3/2 ハミ/サ	107.13	
2033 021G	1105.5' FNL x 1980' FEL, Sec. 2, T-20-N, R-33-E Harding County, New Mexico Let [826 5/2 NE/4	107.07	
2033 031G	1083.1' FNL x 1980' FEL, Sec. 3, T-20-N, R-33-E Harding County, New Mexico んっす にっこ と シ/ユ ハンド	106.66	
2033 041G	1083.1' FNL x 1980' FEL, Sec. 4, T-20-N, R-33-E Harding County, New Mexico Lot 122 and 5/2 NE/H	106.52	
2033 051G	1137.8' FNL x 1780' FEL, Sec. 5, T-20-N, R-33-E Harding County, New Mexico 6, 7 18 2 5 5/2 NE/4	108.90	
2034 031G	1069.2' FNL x 1980' FEL, Sec. 3, T-20-N, R-34-E Union County, New Mexico 16 + 182 & 5/2 NE/74	104.87	
2034 041G	1073.8' FNL x 1980' FEL, Sec. 4, T-20-N, R-34-E Union County, New Mexico	105.18	
2034 061G	1062.6' FNL x 1980' FEL, Sec. 6, T-20-N, R-34-E Union County, New Mexico ∠ + 182 & S/2 N E/4	105.10	

Form C-102 Supersedes*(AI2 Effective 1-1-61

All distances must be from the outer boundaries of the Section Operator Well No. 2033011G Bravo Dome Carbon Dioxide Gas Unit AMOC O Unit Letter Township Section **HARDING** G T20N R33E Actual Footage Location of Well: 1108.8 NORTH 1980 EAST line and feet from the Ground Level Elev. Producing Formation Dedicated Acreage: 4908 Tubb Und. Tubb 107,13 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? If answer is "yes," type of consolidation _ Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Assist Amoco Production Company 9-2-83 I hereby certify that the well location shown on this plot 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 Certificate No. 2000

Form C-102 Superséde: C_E128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Well No. Overator 203302İG Bravo Dome Carbon Dioxide Gas Unit AMOCO Unit Letter Township R33 E HARD ING T20N Actual Footage Location of Well: EAST NOR TH feet from the line and feet from the Ground Level Elev: Dedicated Acreage: Producing Formation Tubb Und. Tubb 107.07 4987 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? If answer is "yes," type of consolidation ___ 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Amoco Production Company 9-2-83 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 sep 1 2 1983 OIL CONSERVATION DIVISION SANTA FE

1980 2310

Form C-101 Supërsëder C-128 Effective 1-1-61

All distances must be from the outer boungaries of the Section Well No n erator Bravo Dome Carbon Dioxide Gas Unit 2033031G AMOCO Township County Unit Letter Section T20N HARDING R 33E Actual Footage Location of Well: NOR TH 1980 1083.1 EAST feet from the line and feet from the Ground Level Elev. Producing Formation Pool Dedicated Acreage: Und. Tubb 5055 Tubb 106.66 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? If answer is "yes;" type of consolidation _____ 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Assist, Admin. Analyst Amoco Production Company 9-2-83 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 carrect to the best of my OIL CONSERVATION DIVISION SANTA FE Certificate No. 190 1320 1650 1980 2310 2000 500

Form C-102 Supersedes (-118 Effective 1-1-1)

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

Operator			Bravo Dome Carbon Dioxide Gas Unit 2033041G						
AMOCO Unit Letter Section Township		Range	County						
G	4	T20N	R33E	HARD I	NG				
Actual Footage Loc	ation of Well:	<u></u>	`						
1083.1		NORTH line and	1980 fee	et from the EAST					
Ground Level Elev.	Producing For	a contract of the contract of	Pool IInd. T	ubb	Dedicated Acreage: 106.52				
5060 Actes									
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.									
 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli- 									
,		nitization, force-pooli	_						
Yes Yes	No If an	iswer is "yes," type o	of consolidation						
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.									
	1		1		CERTIFICATION				
LOT 4 14.27 A	Sec. L. Lot 3	NE & LOT Ac. 13.44	2 Lot / Ac. 13.08	Ac. Name Position	certify that the information con- erein is true and complete to the my knowledge and belief. Sema				
	} 		/980	Company	st. Admin. Analyst Production Company				
		\	 	Date	9-2-83				
·		C Commence and the control of the co	SEP 1 2 1983 IL CONSERVATION DI BANTA FE	shown or notes of under my is true knowled with the control of the	Solver of the state of the stat				
1 ' ' '	1		1		j				

Form C-101 Supersedes Calz Effective 1-1-01

All distances must be from the outer boundaries of the Section perator Bravo Dome Carbon Dioxide Gas Unit 2033051G AMOC O Unit Letter Section Township T20N **R33E HARDING** G Actual Footage Location of Well: 1137.8 1780 EAST NOR TH feet from the line and feet from the Ground Level Elev: Producing Formation Dedicated Acreage: Poo! 5113 Tubb Und. Tubb 108,90 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? If answer is "yes." type of consolidation Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Assist. Adm\n. Analyst Amoco Production Company 9 - 2 - 83I 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 OIL CONSERVATION DIVISION SAMTA FE Certificate No 1320 1650 1980 2310

Form C-107 Supersedes [-12/ Effective |-1-f1

All distances must be from the outer boundaries of the Section. Sperator 2034031G Bravo Dome Carbon Dioxide Gas Unit AMOC O Township T 20 N Range R34E County Unit Letter UNION Actual Footage Location of Well: 1069.2 1980 **NORTH** teet from the teet from the Ground Level Elev. Producing Formation Dedicated Acreage: 4822 Und. Tubb Tubb 104.87 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? If answer is "yes," type of consolidation _ 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 Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Position Assist. Admin. Analyst Amoco Production Company Date 9-2-83 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 SPP 1/2 1983 OIL CONSERVATION DIVISION SANTA FE DATE: ET

2000

1500

330

560

190

1320 1650

1980 2310

orm C-151 upersears (-544 Mective 1-5-1

WELL LOCATION AND ACREAGE DEDICATION PLAT Effective 1-1-1 All distances must be from the outer boundaries of the Section. Well No. Operator 2034041G Bravo Dome Carbon Dioxide Gas Unit AMOCO Township County Unit Letter T20N G R34E UNION Actual Footage Location of Well: feet from the line and Dedicated Acreage: Producing Formation Und. Tubb Tubb 105.18 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? If answer is "yes," type of consolidation _ Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. LOT 2 12.72 AC 17.62A Admin. 1980 Amoco Production Company 9-2-83 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 and correct to the best of my **DIL CONSERVATION DIVISION** SANTA FE Certificate N

2000

Form C - : (; Supersedes (;-); -Effective)-;--

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

Diretator			Least			Well No.		
AMOC O			Bravo Dome Carbon Dioxide Gas Unit 2034061G			2034061G		
Unit Letter Sect		Township	Range	County				
G	6	T20N	R34E	UN	ION			
Actual Footage Location of Well: 1062.6 feet from the NORTH line and 1980 feet from the EAST line								
Ground Level Elev: 4883	Producing For	mation	Und. Tubb		Dedico	nted Acreage: 105.10 Acres		
	L	ted to the subject we		r hachure ma	arks on the plat			
). Outside the act	cage dedica	ted to the subject we	in by colored penell o	nachaic ma	arks 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 an	swer is "yes;" type o	consolidation					
		owners and tract descri	riptions which have ac	tually been	consolidated. (Use reverse side of		
this form if nec	•	d to the well until all	interests have been a	ans alidated	(h.: 0iti			
		or until a non-standard						
sion.			, G	,	11	,		
	1		\$		CERT	IFICATION		
					JE,			
	1		Ì	-	I hereby certify ti	hat the information con-		
	10			. []	toined herein is t	rue and complete to the		
SEC. LINE	المرا		<u>/* </u>	<u> </u>	best of my knowle	edge and belief.		
LOT 4	Lor 3	2 Lot	2 LOT /	19				
SEC. LINE LOT 4 14.97 Ac.	<u> /3.0</u> 7_	Ac. 12.93	Ac. 12.37 A	C. N	Vame A	1		
	1	3		∮ P	Cosition (dema		
	1	8 8		(,	· · · · · · · · · · · · · · · · · · ·	iin. Analyst		
	<u> </u>	}	1980'	- jo	Company			
	1)		27		ction Company		
	1	8	I		oate • 9–2–83			
	1							
		,			I haraby cartify	that the well location		
		THE FOR	arriva a			t was plotted from field		
			SIT AND		notes of actual s	urveys made by me or		
	1	101 GPB	edap a b			ion, and that the same		
	1	JIJ SEP	1 2 1983		is true and corre	ect to the best of my		
	, +	OIL CONSER	VATION DIVISION -	<u>á</u>	Carle Car	The state of the s		
	1	ŞA	NTA FE	100	STATE TO	10 19 3 3		
	1		İ		of furveyed			
	1		!	4				
	1		1		Later of and Shirt W	orgal/Engineer		
	1		i	11,	N . W . B	5103		
	<u> </u>				Certificate No.	~~/·		
0 330 660 '90 1	320 1650 1980	2310 2640 2000	1500 1000 50		enmodie NO.			