

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

**OIL CONSERVATION DIVISION** 

BRUCE KING GOVERNOR LARRY KEHOE October 30, 1980

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Amoco Production Company Security Life Building Denver, Colorado 80202

Attention: Mr. R. B. Giles



Administrative Order NSL-1275

Gentlemen:

Reference is made to your application for a non-standard location for your Garcia Gas Com "B" Well No. I-E located 790 feet from the South line and 590 feet from the West line of Section 21, Township 29 North, Range 10 West, NMPM, Basin-Dakota Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY, Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
 Oil & Gas Engineering Committee - Hobbs
 U. S. Geological Survey - Farmington

## OIL CONSERVATION COMMISSION DISTRICT

OIL CONSERVATION COMMISSION	DATE 10-1-80	_
BOX 2088 SANTA FE, NEW MEXICO	PF. Barrand WC	
SARIA FL, NEW MEXICO	RE: Proposed MC	-
	Proposed DHC Proposed NSL X	
	Proposed SWD	
		-
	Proposed WFX	-
	Proposed PMX	-
Gentlemen:	·	
I have examined the application dated_	September 29, 1980	_
I have examined the application dated for the Amaca Production Co., Garage G. Dersea G. Lease at	as Com B" # 1 E M-21-29N-10U	ر
Operator Lease at	nd Well No. Unit, S-T-R	
and my recommendations are as follows:		
and my recommendations are as forflows.		
Approve		
	•	
	Yours very truly,	
	Ruhard H. Limmon!	)



September 24, 1980

Joe D. Ramey, Director (3)
Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: HAS-276-986.511

Dear Mr. Ramey:

Application for Right to Produce
Basin Dakota Gas from Garcia Gas Com "B" No. 1-E
Unorthodox Well Location in SW/4 of Section 21-T29N-R10W
San Juan County, New Mexico

By this verified application submitted in triplicate, Amoco Production Company requests approval to produce gas from the Basin Dakota Formation in Garcia Gas Com "B" No. 1-E, 790' FSL and 590' FWL of Section 21-T29N-R10W.

A Form C-102 is enclosed illustrating the problems encountered in selecting a suitable well site. The selected well site is an exception because the permissible location for a Basin Dakota infill well must be at least 790' from the outer boundary line of the undrilled quarter section of the 320 acre proration unit, and be at least 130' from any quarter quarter section line or subdivision inner boundary. This unorthodox location is 200' shy of the minimum permissible distance from the west boundary of the SW/4 of Section 21.

A plat also is enclosed which shows offset wells and operators. In this instance there is no offsetting acreage, other than Amoco's leaseheld acreage, that could be affected by the unorthodox location of Garcia Gas Com "B" No. 1-E.

Joe D. Ramey September 24, 1980 Page Two

We therefore respectfully request your immediate administrative approval of this application if you have no objection to it.

Very truly yours,

RBG/lkh

Attachments

cc:

Frank Chavez, Supervisor District III New Mexico Oil Conservation Commission 1000 Rio Brazos Road Aztec, NM 87410

James Simms
United States Geological Survey
P. O. Box 965
Farmington, NM 87401

FH896

#### VERIFICATION AND AFFIDAVIT

STATE OF COLORADO )
: ss
COUNTY OF DENVER )

R. B. Giles, of lawful age, being first duly sworn on his oath, deposes and says:

That he is employed in an engineering capacity by Amoco Production company in its Denver, Colorado, office; that he has been qualified as an expert engineering witness by the New Mexico Oil Conservation Division and his qualification have been made of record; that he has testified numerous times before the New Mexico Oil Conservation Division on well spacing matters; that Amoco's application for approval of the right to produce Basin Dakota gas from Garcia Gas Com "B" No. 1-E at a location 790' FSL and 590' FWL of Section 21-T29N-R10W as an unorthodox location in San Juan County, New Mexico, was prepared under his direction and supervision; that the matters and things therein set forth are true and correct to the best of his knowledge and beliefs.

R. B. Giles

Subscribed and sworn to before me this 24th day of September, 1980.

Sylvia O Slaman

My Commission Expires:

🥇 Jommission expires July 24, 1984

RBG/1kh 092480 CD121

### OIL CONSERVATION DIVISION

## STATE OF NEW MEXICO NERGY AND MINERALS DEPARTMENT

### P. O. DOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 kevised 10-1-

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

Amoco Working Interest 87, 5%  Sec.  CLIFFS  M 2 1 29N	Operator	<del></del>		Lease			Well No.			
Description	AMOCO PRODUCTION COMPANY			GARCIA GAS COM "B"			1E			
Among Merking Interest 87,5%  Among Merking Interest 87,5%  Among Working										
force to the South line and 590 test from the West to South Dakota Protein Pool Dakota Protein Pool Dakota Protein Pool Dakota Protein Pool Dakota 320 Acres \$171.  1. Outline the acreage dedicated to the subject well by colored pencil of 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 interest protein the consolidated by communitization, unitization, force-pooling, etc?  We have not if answer is "yea," type of consolidation Communitization (Difference 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 appropried by the Commission.  CERTIFICATION  1 hereby certify that the information contained during its two and complete to the beart of my honoladge and balled.  Name 9.1. FETERSON  Amoco Working Interest 87, 5%  Sec.  21  1 hereby certify that the wall location shown on this play was planted from field mates of actual average made by one or owner may be the owner of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  Certification that the acres of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  District that the acres of the beart of my honoladge and balled.  Dis			29N	10W	San	Juan				
Supplementary   Supplementar										
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 the plate been consolidated by communitization, unitization, force-pooling, etc?  We yes No If answer is "yes;" type of consolidation Communitization of this form if necessary.  No allowable will be assigned to the well until all interests have been consolidated (by communitization) intization, 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 harvin is true and complete to the base of my humorledge and balled.  Non allowable will be assigned to the well until all interests and the plate was plated from its flat was plated from itself and was plated fro					feet from the					
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 the plate of the consolidated by communitization, unitization, force-pooling, etc?    Y see	•	i i	marion	-	ota	1	•			
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 the property		<del> </del>		سنسين سندرسسانك						
Amoco Working Interest 87,5%  Sec.  21  Yes No If answer is "yes," type of consolidation Communitization Communication Communitization Communication C	2. If more th	nan one lease is	•	-						
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.  Name  W.L. PETERSON  Position  DISTRICT ENGINEER  Company  AMOCO PRODUCTION COMPANY  Date  SEPTEMBER 15, 1980  I hereby certify that the well location shown on this play was plotted from field notes of actual surveys made by no correct my supervision, and that the same is true and correct to the best of my knowledge and belief.  Date Surveyed  September 15, 1980  Position  Date Surveyed  September 16, 1980  Position 21, 1980  Pried B. Kerr 17, 1980  Pried B. Kerr 17, 1980  Fried B. Kerr 17, 1980	dated by communitization, unitization, force-pooling.etc?  XX Yes No If answer is "yes," type of consolidation Communitization.									
Amoco Working Interest 87,5%  Sec.  21  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Name  W.I. PETERSON  Position  DISTRICT ENGINEER  Company  AMOCO PRODUCTION COMPANY  Date  SEPTEMBER 15, 1980  I hereby certify that the well location shown on this plot was plotted from field onets of actual surveys made by me or under my superrisin, and that the same is true and correct to the best of my knowledge and belief.  Date Surveyed  September 12, 1980  Registered Preferenced Englishment and Light Stringer and Light Stringers and Light	No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization,									
Amoco Working Interest 87,5%  Sec.  21  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Name  W.L. PETERSON  Position  DISTRICT ENGINEER  Company  AMOCO PRODUCTION COMPANY  Date  SEPTEMBER 15, 1980  21  I hereby certify that the well location shown on this play was plotted from field noises 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.  Date Surveyed  September 12, 1980  Registered Portstrandal Editioner and Land Surveyor  Fred. B. Karr. 17.  Certificial Nature of Corrections Nature.	Sion.									
Amoco Working Interest 87,5%  Sec.  21    I hereby certify that the well location shown on this plat was platted 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.				!						
Amoco Working Interest 87,5%  Sec.  21    I hereby certify that the well location shown on this plat was platted 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.    Date Surveyed   September 12, 1980     Date Surveyed   September 12, 1980     Date Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980     Registered Professional Engineer and Lond Surveyed   September 12, 1980   September 13, 1980   September 14, 1980   Septembe		1	•	!		1				
Amoco Working Interest 87,5%  Sec.  21  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.  Date Surveyed September 12, 1980  Registered Professional Engineer and Confidence of Configuration.  Fred B. Kerr Jr.  Certificing Notices of Configuration.	•	1		ļ						
Amoco Working Interest 87,5%  Sec.  21  I hereby certify that the well location shown on this plot was platted 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.  Date Surveyed  September: 12, 1980  Registered Profestionals, Continued and Correct to the Dest of my knowledge and belief.  Fred B. Kerk Jr., Centificial No. Pred B. Kerk Jr., Centificial No. Pred B. Kerk Jr., Centificial No. Pred B. Kerk Jr.,		i		1		11/2000 2	of Patrice			
Amoco Working Interest 87,5%  Sec.  21  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me are under my supervision, and that the same is true and correct to the best of my knowledge and belief.  Date Surveyed  September 12, 1980  Begistered-Professional Engineer and Land Surveyor  Fred B. Kerr. Jr.  Certificate Notice 18.						1	DGO:			
Amoco Working Interest 87,5%  Sec.  21  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.  Date Surveyed  September 12, 1980  Recipiered Professional Engineer and Capability Surveyor and Surveyor and Capability Surveyor		•		1			RSON			
Amoco Working Interest 87,5%  Sec.  21    hereby certify that the well location shown on this plat was platted 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.    Date Surveyed   September 12, 1980     Registered Professional Empireer and   Land Surveyor     Fred B. Kerk Ir.     Certificate Notice of the Ce				1		1	FNCIMEED			
Amoco Working Interest 87,5%  Sec.  21  I hereby certify thei 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.  Date Surveyed  September 15, 1980  Date Surveyed  September 12, 1980  Registered Professmall, Engineer and Land Surveyor.  Fred B. Kerr. IT.  Certificate No.0.7 28.		ŧ		r I			ENGINEER			
Amoco Working Interest 87,5%  Sec.  21  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 knowledge and belief.  Date Surveyed  September: 12, 1980  Registered Professional Engineer and Landsurveyor and Landsurveyor.  Fred: B. Kerr. Jr.  Certificate No.013 x 1		i		i	1	j	DUCTION COMPANY			
I hereby certify that the well location shown on this plat was plotted from field nates 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.  Date Surveyed September: 12, 1980 Registered Professional Engineer and / Land Surveyor  Fred 3, Kerr, Jr.  Certifican Notice 28.		Amo	co Working Inter	est 87,5%						
I hereby certify that the well lacation shown on this plat was plotted from field notes of actual surveys made by me are under my supervision, and that the same is true and correct to the best of my knowledge and belief.  Date Surveyed September 12, 1980  Registered Professional Engineer and Land Surveyor and Land Surveyor and Land Surveyor Certificant Notice 28.		Sec		i I		SEPTEMBER	15, 1980			
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 knowledge and belief.  Date Surveyed  September: 12, 1980  Registered Professional Engineer and Land Surveyor  Fred. B. Kerr. Jr.  Certificate Notice and		1 000		i						
Date Surveyed September 12, 1980  Registered Professional, Engineer and Land Surveyor  Fred B. Kerr, Jr.  Certificate Noca axis		! :	21			shown on this	plat was plotted from field of surveys made by me or			
Date Surveyed  September: 12, 1980  Registered Professional, Engineer and Land Surveyor  Fred B. Kerr. Ar.	77	- 1		1		1				
Date Surveyed September 12, 1980 Registered Professional Engineer and Land Surveyor Fred B. Kerr. Jr. Certificate Noca Ext	TTOILE	FS		. 1		į.	•			
Date Surveyed September 12, 1980 Registered Professional, Engineer and Land Surveyor Fred B. Kerr Jr. Certificate Nocation		120		İ	1	knowledge and	pellet.			
Date Surveyed September 12, 1980 Registered Professional, Engineer and Land Surveyor Fred B. Kerr Jr. Certificate Nocation	HWV Z			<del>-</del>						
September: 12, 1980  Registered Professional, Envineer and Land Surveyor  Fred B. Kern Jr.  Centificate Noca axis	Park.	-معالم		l I		Pate Sur				
Registered Professional, Envineer and Land Surveyor  Fred B. Kerr, Jr.	ECO! 66.30	Thu se		l I			12 1980			
Gand Light Surveyor  Fred B. Kerr Jr.  Centificate Nocatex	- 34 O 30	1		!						
Certificate Nota = Xi	73032	<b>ジ</b> !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		! !		and Land Sur	veyor and a second			
		·	700 78-7007	1		Certificote Nota	3K) / 2			

PROPOSED WELL LOCATION

EXISTING BASIN DAKOTA WELLS