

SECRETARY

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE

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

Amendment
Administrative Order NSL-1165

Gentlemen:

Reference is made to your application for amendment of Administrative Order NSL-1165 for two non-standard Gallegos Canyon Unit Well locations, Basin Dakota Pool, San Juan County, New Mexico, as follows:

Gallegos Canyon Unit Well No. 184E to be located 1435 feet from the South line and 1590 feet from the East line of Section 28, T-28-N, R-12-W, and the

Gallegos Canyon Unit Well No. 185E to be located 600 feet from the North line and 515 feet from the East line of Section 33, Township 28 North, Range 12 West.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox locations are 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 Office DISTRICT

OIL CONSERVATION COMMISSION	DATE May 8, 1980
BOX 2088	DATE 164, 1980
SANTA FE, NEW MEXICO	RE: Proposed MC
	Proposed DHC
	Proposed NSL K
	Proposed SWD
	Proposed WFX
	Proposed PMX
	·
Gentlemen:	
	an -
I have examined the application dated	May 5, 1980
for the Anow Prod. O. S.	U. #184E J-Z8-28N-1ZW
	nd Well No. Unit. S-T-R
-1 Hease at	
	nd Well No. Unit, S-T-R
	unit, 5-1-K
and my recommendations are as follows:	nd well No. Unit, 5-1-K
	unit, 5-1-K
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	id well No. Unit, 5-1-K
	unit, 5-1-K
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	unit, 5-1-K
	Yours very truly,



May 1, 1980

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

File: HAS-92-986.511

Dear Mr. Ramey:

Application for Right to Produce Basin Dakota Gas from Gallegos Canyon Unit Wells No. 184E and No. 185E at Unorthodox Well Locations, San Juan County, New Mexico

By this verified application submitted in triplicate, Amoco, Unit Operator of the Gallegos Canyon Unit with a 51.7% working interest, requests approval to produce gas from the Basin Dakota formation in the following two (2) Gallegos Canyon Unit wells, each is a Basin Dakota infill well, at the unorthodox locations shown at the far right below:

Unit Well No.	Previously Approved Unorthodox Site	New Unorthodox Site
184E	400' FSL and 630' FEL of Section 28-T28N-R12W	1,435' FSL and 1,590' FEL of Section 28-R28N-R12W
185E	825' FNL and 775' FEL of Section 33-T28N-R12W	600' FNL and 515' FEL of Section 33-T28N-R12W

A Form C-102 showing the reason for each new unorthodox location is enclosed. After inspection of the previously approved unorthodox locations (Administrative Order NSL-1165) by Navajo Indian Irrigation Project officials, they requested we restake them to their new unorthodox locations. Each new location is an exception because the permissible location for a Basin Dakota infill well must be at least 790 for the outer boundary line of the undrilled quarter section of the 320-acre proration unit, and be at least 13 line any quarter quarter section line or subdivision inner boundary MAY 5

DIST. 3

Joe D. Ramey, Director May 1, 1980 Page Two

As shown on both the Verification and Affidavit that is a part of this application and the enclosed plat, there are no offset operators to notify because each of the above two (2) unorthodox locations is offset by other Gallegos Canyon Unit wells completed in the Basin Dakota pool. If you have no objection to this application, we shall appreciate receiving your administrative approval.

Very truly yours,

R. R. Giles

RBG/mlm

Enclosures

cc:

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

P. T. McGrath United States Geological Survey P. O. Box 965 Farmington, NM 87401

APE277

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 qualifications 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 to produce gas from the Basin Dakota formation in Gallegos Canyon Unit Wells No. 184E and No. 185E in San Juan County, New Mexico, at the unorthodox locations described in the application, each of which is offset by other Gallegos Canyon Unit wells completed in the Basin Dakota formation, 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.

Subscribed and sworn to before me this 1st day of May, 1980.

Sylvia Seamand

......My Commission expires:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-78

AMOCO PRODUCTION COMPANY AMOCO PRODUCTION COMPANY AMOCO PRODUCTION COMPANY AMOCO PRODUCTION COMPANY AND A Section 10 Multi 1135 (see from the South 100 Multi 1136 (see from the South 100 Multi 1137 (see from the South 100 Multi 1138 (see from the South 100 Mult	Operator		All distances must be from		of the Section.	·					
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Amoco operates Gallegos Canyon Unit with a 51.72 working interest 28 LEIGATED FIELD Amoco operates Gallegos Canyon Unit with a 51.72 LEIGATED FIELD Amoco operates of my knowledge and belief. LEIGATED FIELD DISTRICT ENGINEER Company AMOCO PRODUCTION COMPANY Date MARCH 28, 1980 Leight 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. LEIGATED FIELD Date Surveyor Amoco operates Gallegos Canyon Unit with a 51.72 LEIGATED FIELD Certificate Professional Engineer and gripped Spricessional	forced-pool	le will be assigne ling, or otherwise)	d to the well until all i or until a non-standard	nterests have bee unit, eliminating	n consolidat such interest	ed (by com s, has been	munitization, unitization, approved by the Commis-				
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PROPOSED WELL
GALLEGOS CANYON UNIT #184E
OLD LOCATION PROPOSED NEW LOCATION

OUTSIDE OPERATED WELLS

EXISTING AMOCO WELLS (

There are NONE

B

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

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660

1320 1650

P. O. BOX 2088 Form C-102 **CHERGY AND MINERALS DEPARTMENT** SANTA FE, NEW MEXICO 87501 kevised 10-1-78 All distances must be from the cuter boundaries of the Section. Operator Well No. AMOCO PRODUCTION COMPANY GALLEGOS CANYON UNIT 185-E Unit Letter Section Township Range 28N 12W San Juan Actual Footage Location of Well: 600 North 515 feet from the East line and feet from the line Ground Level Elev. Producing Formation Dedicated Acreage: 5731 Dakota Basin Dakota 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 Unitization (Gallegos Canyon Unit) XX Yes No 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 cantained herein is true and complete to the \odot IRRIGATED FI B.E. FACKRELL CRIGATED DISTRICT ENGINEER Company AMOCO PRODUCTION COMPANY Sec. MARCH 28, 1980 33 I hereby certify that the well location Amoco operatés Gallegos Canyon Unit shown on this plat was plotted fram field with a 51,7% working interest. 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.

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OIL CONSERVATION COMMISSION DISTRICT

OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO	DATE RE:	May 8,1990 Proposed MC
,		Proposed DHC Proposed NSL
Gentlemen:		•
I have examined the applicat	ion dated May 5	,1980
for the Union Prod. Co.	B. P. U# 185	E A-33-28N-12W
Operator and my recommendations are as fol	Lease and Well No.	Unit, S-T-R
	Your	s very truly,
	7	-



May 1, 1980

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

File: HAS-92-986.511

Dear Mr. Ramey:

Application for Right to Produce Basin Dakota Gas from Gallegos Canyon Unit Wells No. 184E and No. 185E at Unorthodox Well Locations, San Juan County, New Mexico

By this verified application submitted in triplicate, Amoco, Unit Operator of the Gallegos Canyon Unit with a 51.7% working interest, requests approval to produce gas from the Basin Dakota formation in the following two (2) Gallegos Canyon Unit wells, each is a Basin Dakota infill well, at the unorthodox locations shown at the far right below:

Unit Well No.	Previously Approved Unorthodox Site	New Unorthodox Site
184E	400' FSL and 630' FEL of Section 28-T28N-R12W	1,435' FSL and 1,590' FEL of Section 28-R28N-R12W
185E	825' FNL and 775' FEL of Section 33-T28N-R12W	600' FNL and 515' FEL of Section 33-T28N-R12W

A Form C-102 showing the reason for each new unorthodox location is enclosed. After inspection of the previously approved unorthodox locations (Administrative Order NSL-1165) by Navajo Indian Irrigation Project officials, they requested we restake them to their new unorthodox locations. Each new location 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 requirement of the 320-acre proration unit, and be at least 13 man any quarter quarter section line or subdivision liner boundary MAY 5 COM-

DIST. 3



ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE BECRETARY

March 7, 1980.

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

OIL CON. COM.

Amoco Production Company Security Life Building Denver, Colorado 80202

Attention: Mr. R. B. Giles

Administrative Order NSL-1165

Gentlemen:

Reference is made to your application for non-standard Gallegos Canyon Unit Well locations, Basin Dakota Pool, San Juan County, New Mexico, as follows:

Gallegos Canyon Unit Well No. 93E located 1725 feet from the South line and 590 feet from the West line of Section 36, Township 29 North, Range 12 West;

Gallegos Canyon Unit Well No. 173E located 635 feet from the West line and 1925 feet from the North line of Section 29, Township 29 North, Range 12 West;

Gallegos Canyon Unit Well No. 174E located 1450 feet from the North line and 410 feet from the West line of Section 28, Township 28 North, Range 12 West;

Gallegos Canyon Unit Well No. 184E located 400 feet from the South line and 630 feet from the East line of Section 28, Township 28 North, Range 12 West;

Gallegos Canyon Unit Well No. 185E located 825 feet from the North line and 775 feet from the East line of Section 33, Township 28 North, Range 12 West; and

Gallegos Canyon Unit Well No. 186E located 1250 feet from the South line and 1860 feet from the West line of Section 33, Township 28 North, Range 12 West. By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox locations are hereby approved.

Sincerely,

JOE D. RAMEY, Director

JDR/RLS/dr

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



OIL CONSERVATION COMMISSION DISTRICT

OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO	RE: 1	Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen: I have examined the application dated	March 4.	1980
for the Amero Production Co. S. O. Operator Lease an	<i>U. #1861</i> d Well No.	= N-33-78N-17w Unit, S-T-R
and my recommendations are as follows:		
	Yours	very truly,
	7	17



Amoco Production Company

Denver Region Security Life Building Denver, Colorado 80202 303 - 820-4040

March 4, 1980

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

File: HAS-53-986.511

Dear Mr. Ramey:

Application for Right to Produce Basin Dakota Gas from Six (6) Gallegos Canyon Unit Wells at Unorthodox Well Locations, San Juan County, New Mexico

By this verified application submitted in triplicate, Amoco, Unit Operator of the Gallegos Canyon Unit with a 51.7 percent working interest, requests approval to produce gas from the Basin Dakota formation in the following six (6) Gallegos Canyon Unit wells, each is a Basin Dakota infill well, at the unorthodox locations shown below:

Unit Well No.	Unorthodox Site
93E	1,725' FSL and 590' FWL of Section 36-T29N-R12W
173E	635' FWL and 1,925' FNL of Section 29-T29N-R12W
174E	1,450' FNL and 410' FWL of Section 28-T28N-R12W
184E	400' FSL and 630' FEL of Section 28-T28N-R12W
185E	825' FNL and 775' FEL of Section 33-T28N-R12W
186E	1,250' FSL and 1,860' FWL Section 33-T28N-R12W



Joe D. Ramey March 4, 1980 Page Two

A Form C-107 showing the reason for each unorthodox location is enclosed. Each location 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.

As shown on both the Verification and Affidavit that is a part of this application and the enclosed plat, there are no offset operators to notify because each of the above six (6) unorthodox locations is offset by other Gallegos Canyon Unit wells completed in the Basin Dakota pool. If you have no objection to this application, we shall appreciate receiving your administrative approval.

Very trulk yours,

R. B. Giles

RBG/mlm

Enclosures

cc:

A. R. Kendrick, Supervisor District III New Mexico Oil Conservation Commission 1000 Rio Brazos Road Aztec, NM 87410

P. T. McGrath United States Geological Survey P. O. Box 965 Farmington, NM 87401

BBO426



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 qualifications 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 to produce gas from the Basin Dakota formation in six (6) Gallegos Canyon Unit wells in San Juan County, New Mexico, at the unorthodox locations described in the application, each of which is offset by other Gallegos Canyon Unit wells completed in the Basin Dakota formation, 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 4th day of March, 1980.

My Commission expires:

F-13--8-0

BAP754

OIL CONSERVATION DIVISION

STATE OF HEW MEXICO LHERGY AS MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FL, NEW MEXICO 87501 Form C-102 kevised 10-1-78

		All distances must be f	tim the cuter house	leries of the	Section.	<u></u>			
Cycrator			L.ease			Well No.			
AMOCO PRODU	ICTION COMPAN		GALLEGOS			186-E			
Unit Letter	Section	Township	Range	C	ounty				
N	33	28N	12W		San Juan				
Actual Footage Loc	ration of Well:								
1250	feet from the	South line and	1860	leet in	om the West	line			
Ground Level Elev.	Producing F	ormation	Pool			Dedicated Acreage:			
570 7	Dako	ta	Basin Da	kota		320 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).									
	communitization,	unitization, force-pool	ing. etc?			os Canyon Unit)			
this form i No allowal forced-poo	Yes No If answer is "yes," type of consolidation Unitization (Gallegos Canyon Unit) 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-								
sion.									
	1		<u> </u>		11	CERTIFICATION			
		o operates Galles a 51.7% working		it	Norme B. E. FA Position DISTRICT Company AMOCO PR	ENGINEER			
1860 ROAT		Hand Moved Irrigation System	(a	MAR 6 DIL CON. DIS	l hereby shown on notes of whder my is true of knowledg CON Date Survey Registered and/or Land	Professional Engineer d Surveyor B: Kerr Jr.			
					3950				
0 230 460	·90 1320 1850 16	80 2310 2640 200	10 1500 10	00 500	0 1				

28 6cur20434 GALLEGOS CANYON UNIT #186E 6c4+23/ 2 4x 000 PROPOSED WELL GCU = 184 28 98/ ≈ 130 □ ■ GCU# 185 €cu*292 S OUTSIDE OPERATED WELLS EXISTING AMOCO WELLS © C U # 190

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