



NSL  
Rule 3 R-1670V  
Immediate  
offsets

HSL-1165

**Amoco Production Company**

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

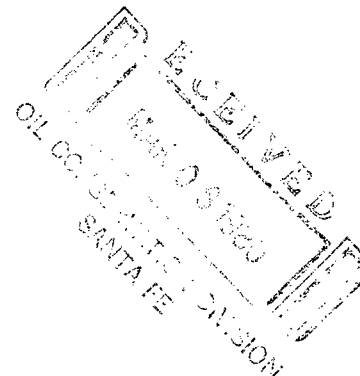
March 4, 1980

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: *Poo 1*

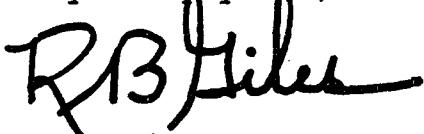
<u>Unit Well No.</u>	<u>Unorthodox Site</u>
93E	1,725' FSL and 590' FWL of Section 36-T29N-R12W
173E	635' FWL and 1,925' FNL of Section 29-T29N-R12W
174E	1,450' FNL and 410' FWL of Section 28-T28N-R12W
184E	400' FSL and 630' FEL of Section 28-T28N-R12W
185E	825' FNL and 775' FEL of Section 33-T28N-R12W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

A handwritten signature in black ink, appearing to read "R. B. Giles". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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  
R. B. Giles

Subscribed and sworn to before me this 4th day of March, 1980.

Arthur J. Leonard  
NOTARY PUBLIC

My Commission expires:

8-13-84

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section

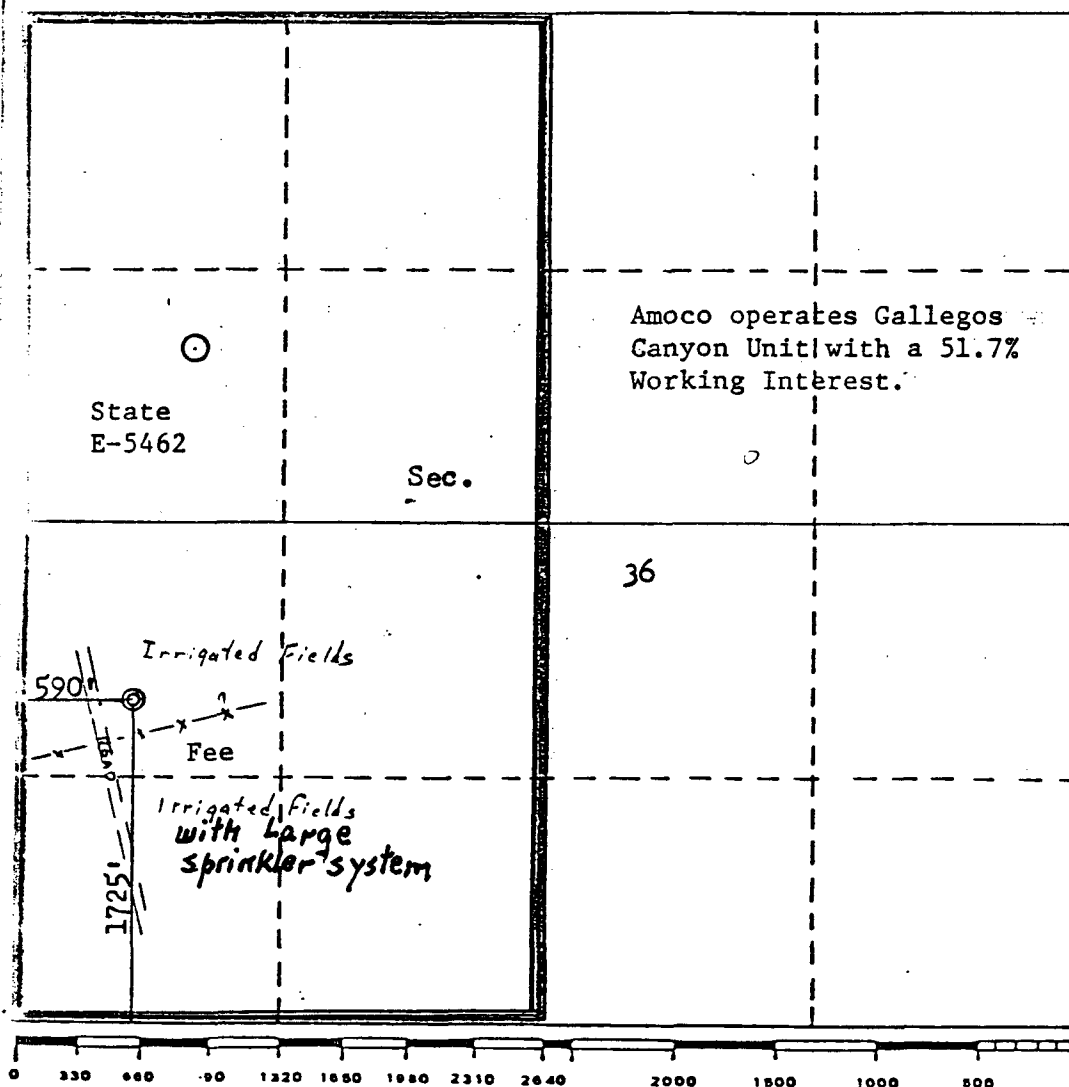
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>93-E</b>
Unit Letter <b>L</b>	Section <b>36</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1725</b> feet from the <b>South</b> line and <b>590</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5397</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☒ 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 Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. E. Fackrell*

Name

B. E. FACKRELL

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

FEBRUARY 18, 1980

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

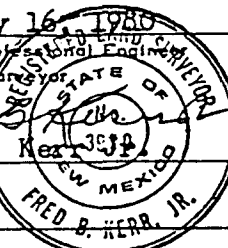
February 16, 1980

Registered Professional Engineer  
and/or Land Surveyor

*Fred B. Kerr, Jr.*  
Fred B. Kerr, Jr.

Certificate No.

3950



R 11 W

R 12 W

26	25	30
<div>#145</div> <div>#179</div> <div>#143</div> <div>#142</div>	<div>#143</div> <div>#142</div>	<div>Glen J. Turner Thomas L-30</div> <div>Reefers-land Salmon #1</div> <div>29</div>
35	36	31 N
<div>#169</div> <div>#170</div> <div>#93</div> <div>#93E</div>	<div>#162</div>	<div>Reefers-land Hartman #1</div> <div>W.A. Moncrief Jelander #1</div>
11	12	7
<div>#201</div>	<div>#201</div>	<div>#138</div>

— 00W —  
— 00W —  
— 00W —  
— 00W —

PROPOSED WELL LOCATION  
GALLEGOS CANYON UNIT #93E

EXISTING AMOCO WELLS  
OUTSIDE OPERATED WELLS

— 00W —

## OIL CONSERVATION DIVISION

P. O. BOX 7088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

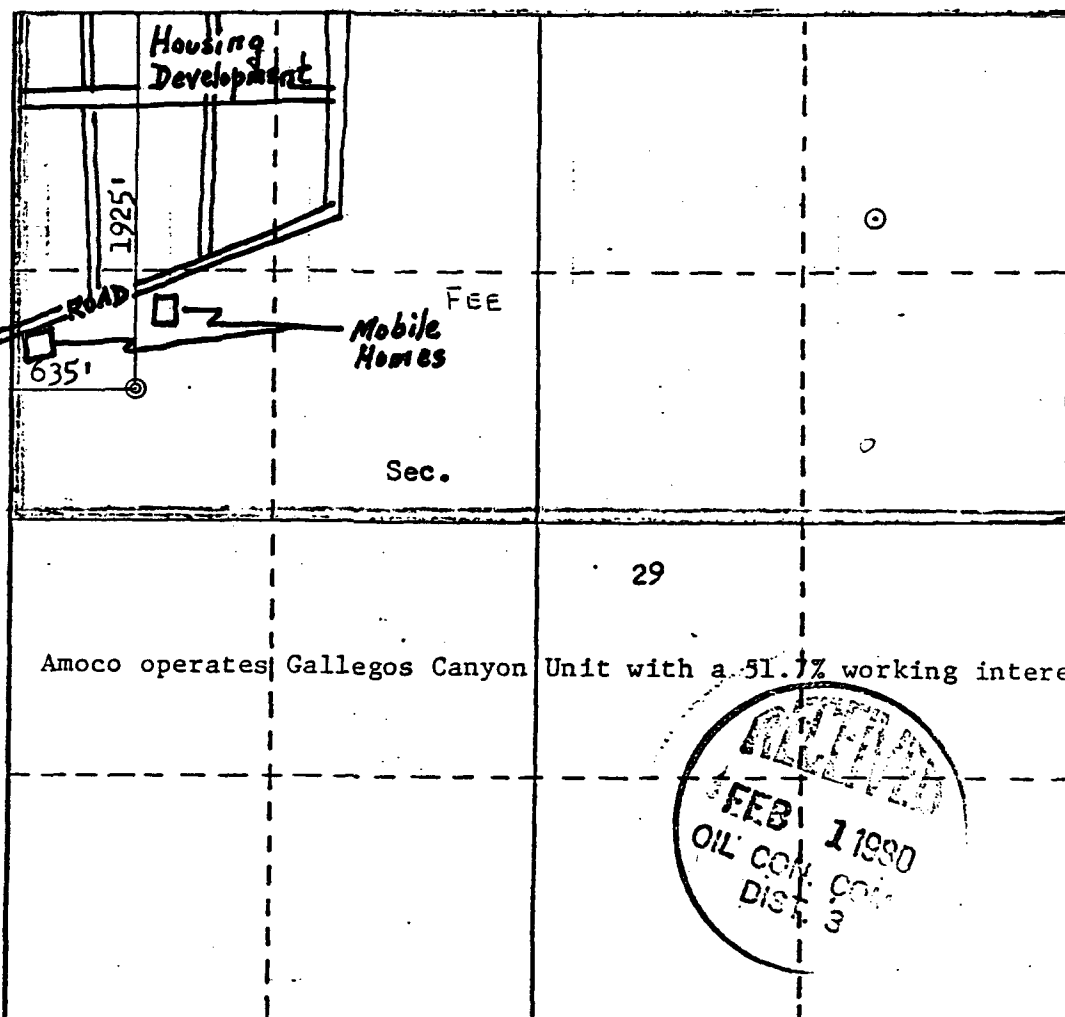
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>173-E</b>
Unit Letter <b>E</b>	Section <b>29</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1925</b> feet from the <b>North</b> line and <b>635</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5303</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☒ 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 Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. E. Fackrell*

Name

B. E. FACKRELL

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

JANUARY 30, 1980

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

January 30, 1980  
Registered Professional Engineer  
and/or Land Surveyor

*Fred B. Kerr, Jr.*  
Certificate No. B. KERR, JR.

3950

R 12 W

T 29 N

<p>19</p> <p>#107</p> <p>#263</p> <p>#110</p> <p>#111</p>	<p>20</p> <p>#151</p> <p>#152</p>	<p>21</p> <p>#153</p> <p>#180</p>
<p>30</p> <p>#181</p> <p>#188</p> <p>#173E</p> <p>#200</p>	<p>29</p> <p>#173</p> <p>#211</p> <p>#212</p>	<p>28</p> <p>#202</p> <p>#195</p>
<p>31</p> <p>#210</p> <p>#221</p>	<p>32</p> <p>#212</p>	<p>33</p>

EXISTING AMOCO WELLS

OUTSIDE OPERATED WELLS

(There are None)

PROPOSED WELL LOCATION

GALLEGOS CANYON UNIT #173E

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

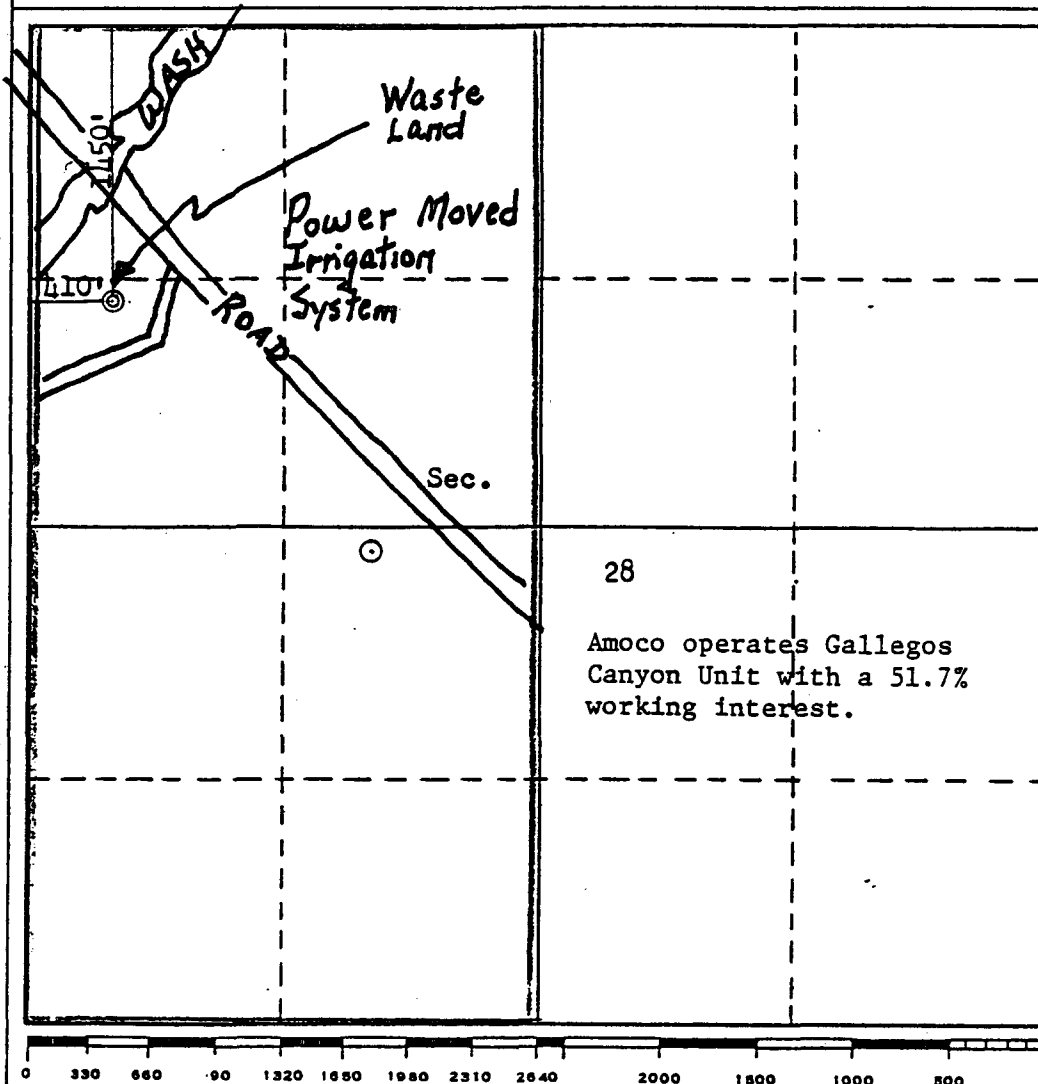
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>174-E</b>
Unit Letter <b>E</b>	Section <b>28</b>	Township <b>28N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1450</b> feet from the <b>North</b> line and <b>410</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5603</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☒ 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 Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. E. Fackrell*

Name

B. E. FACKRELL

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

FEBRUARY 15, 1980

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

January 20, 1980

Registered Professional Engineer and/or Land Surveyor.

*Fred B. Kerr, Jr.*

Certificate No. KERR, JR.

3950



EXISTING AMOCO WELLS

OUTSIDE OPERATED WELLS

(There are NONE)

PROPOSED WELL

GALLEGOS CANYON UNIT #174E

R 12 W

20	21	22
<div>□ □</div> <div>□ □</div> <div>GCU # 227</div> <div>□ □</div> <div>□ □</div> <div>GCU # 198</div>	<div>□ □</div> <div>□ □</div> <div>GCU # 229</div> <div>□ □</div> <div>□ □</div> <div>GCU # 228</div>	<div>□ □</div> <div>□ □</div> <div>GCU # 218</div> <div>□ □</div> <div>□ □</div> <div>□ □</div>
29	28	27
<div>□ □</div> <div>□ □</div> <div>GCU # 241</div> <div>□ □</div> <div>□ □</div> <div>GCU # 174</div>	<div>□ □</div> <div>□ □</div> <div>GCU # 184</div> <div>□ □</div> <div>□ □</div> <div>□ □</div>	<div>□ □</div> <div>□ □</div> <div>GCU # 231</div> <div>□ □</div> <div>□ □</div> <div>GCU # 233</div>
32	33	34
<div>GCU # 180</div> <div>□ □</div> <div>□ □</div> <div>□ □</div> <div>□ □</div> <div>□ □</div>	<div>GCU # 185</div> <div>□ □</div> <div>□ □</div> <div>□ □</div> <div>□ □</div> <div>GCU # 186</div>	<div>GCU # 204</div> <div>□ □</div> <div>□ □</div> <div>□ □</div> <div>□ □</div> <div>GCU # 166</div>

T 28 N

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 7088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section

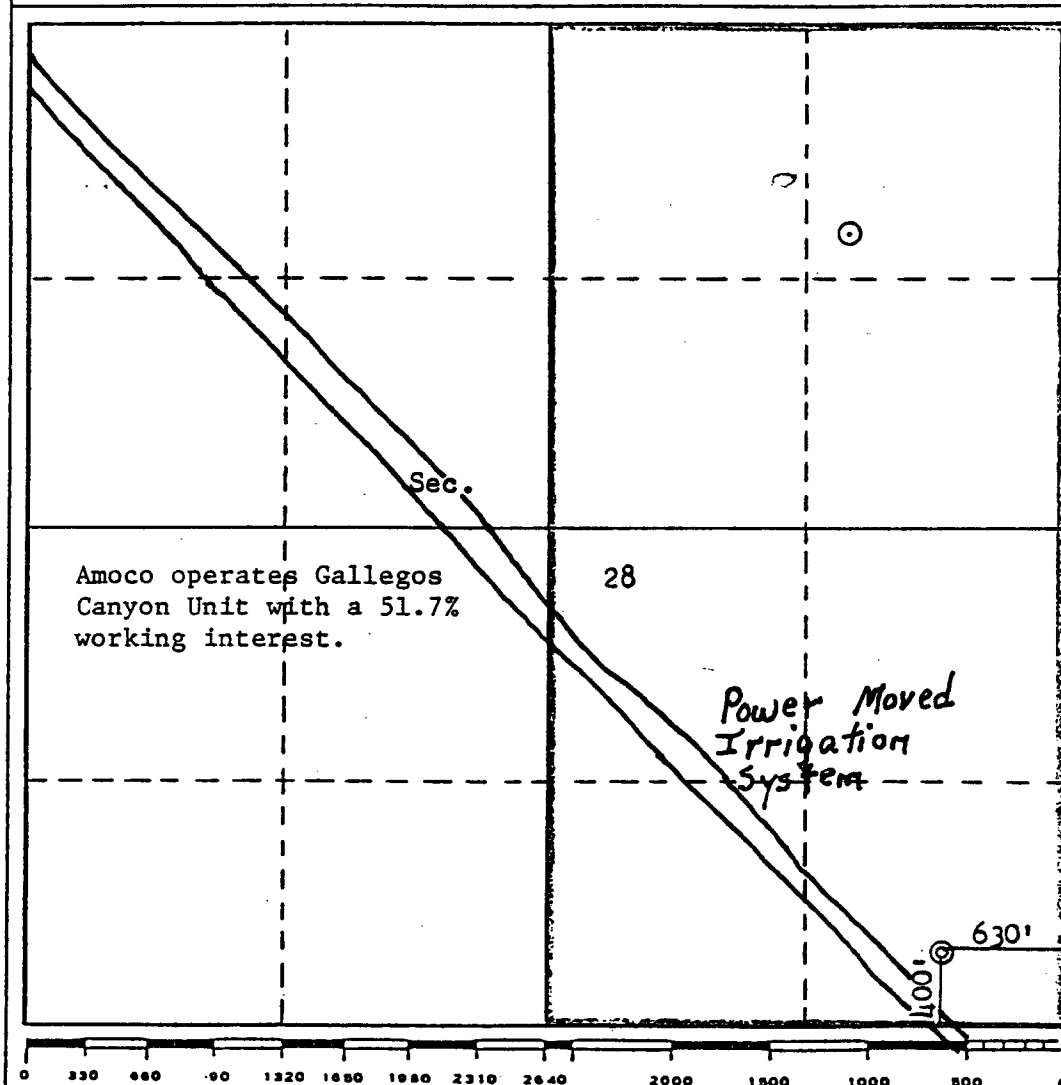
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>181-E</b>
Unit Letter <b>P</b>	Section <b>28</b>	Township <b>28N</b>	Range <b>12W</b>	County <b>San Juan</b>
Actual Footage Location of Wells: <b>400</b> feet from the <b>South</b> line and <b>630</b> feet from the <b>East</b> line				
Ground Level Elev. <b>5716</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage <b>320</b> 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?

☒ 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 Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. E. Fackrell*

Name

B. E. FACKRELL

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

FEBRUARY 15, 1980

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

February 15, 1980

Registered Professional Engineer  
and/or Land Surveyor*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. KERR, JR.

3950

R 12 W

<p>20</p> <div> <div>□ □</div> <div>□ □</div> <div>           GCU #227            ●         </div> </div> <div> <div>□ □</div> <div>           GCU #199            ●         </div> </div>	<p>21</p> <div> <div>□ □</div> <div>           GCU #229            ●         </div> </div> <div> <div>□ □</div> <div>           GCU #228            ●         </div> </div>	<p>22</p> <div> <div>           GCU #218            ●         </div> <div>□ □</div> </div> <div> <div>□ □</div> <div>□ □</div> </div>
<p>29</p> <div> <div>□ □</div> <div>           GCU #241            ●         </div> </div> <div> <div>□ □</div> <div>           GCU #165            ●         </div> </div>	<p>28</p> <div> <div>□ □</div> <div>           GCU #174            ●         </div> </div> <div> <div>□ □</div> <div>           GCU #184            ●         </div> </div>	<p>27</p> <div> <div>□ □</div> <div>           GCU #231            ●         </div> </div> <div> <div>□ □</div> <div>           GCU #233            ●         </div> </div>
<p>32</p> <div> <div>           GCU #180            ●         </div> <div>□ □</div> </div> <div> <div>□ □</div> <div>           GCU #191            ●         </div> </div>	<p>33</p> <div> <div>           GCU #185            ●         </div> <div>□ □</div> </div> <div> <div>□ □</div> <div>           GCU #186            ●         </div> </div>	<p>34</p> <div> <div>           GCU #204            ●         </div> <div>□ □</div> </div> <div> <div>□ □</div> <div>           GCU #166            ●         </div> </div>

T 28 N

EXISTING AMOCO WELLS ●

OUTSIDE OPERATED WELLS ●

PROPOSED WELL ●

GALLEGOS CANYON UNIT #184E

(There are NONE)

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 7088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

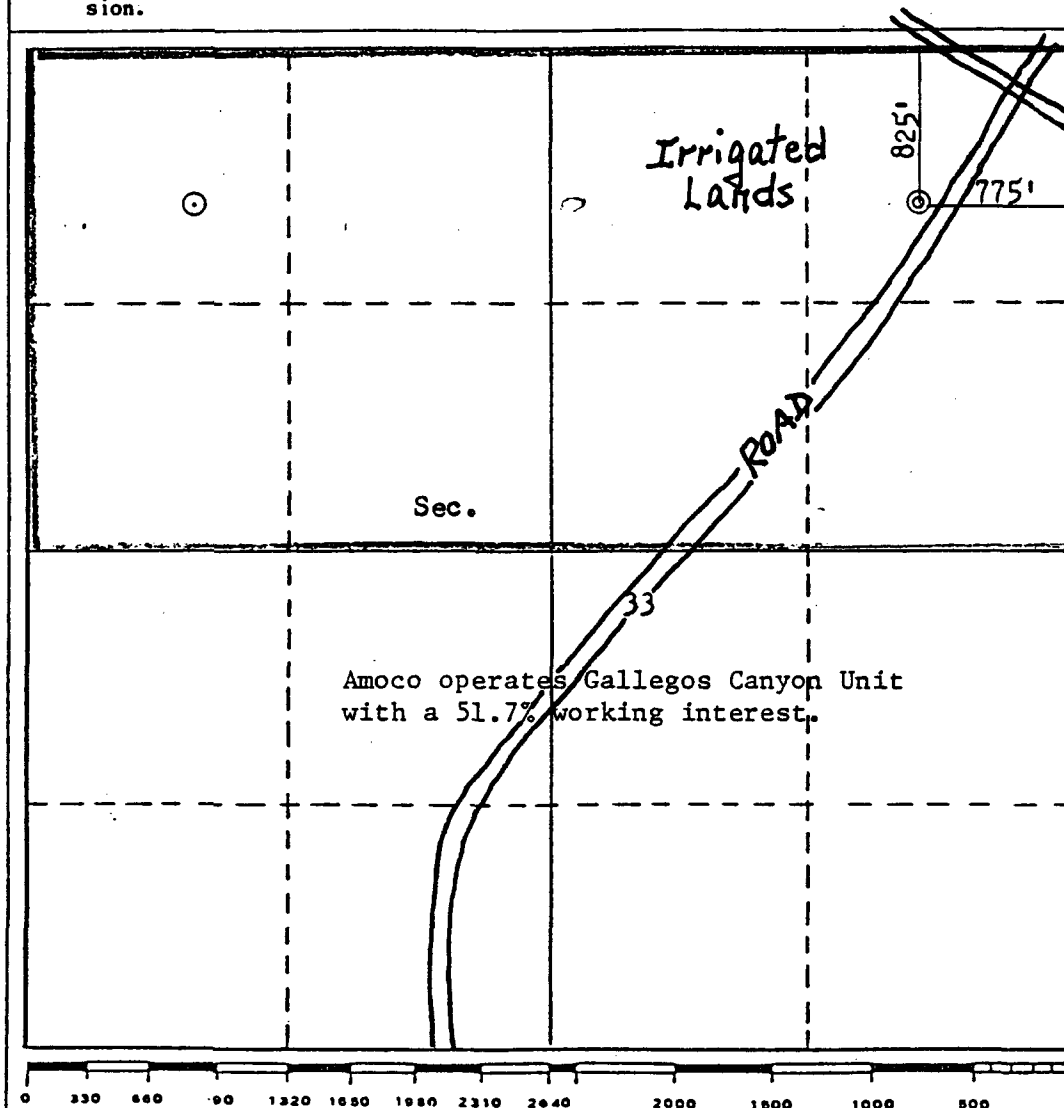
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>185-E</b>
Unit Letter <b>A</b>	Section <b>33</b>	Township <b>28N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>825</b>	feet from the	<b>North</b>	line and	<b>775</b>	feet from the <b>East</b> line
Ground Level Elev. <b>5730</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320</b> 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?

☒ 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 Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. E. Fackrell*

Name

B. E. FACKRELL

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

FEBRUARY 15, 1980

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

February 1, 1980

Registered Professional Engineer  
and/or Land Surveyor*Fred B. Kerr Jr.*

Certification No. KERR, JR.

3950

<p>29</p> <p>Gen #184</p> <p>Gen #174</p> <p>Gen #190</p> <p>Gen #185</p> <p>Gen #191</p> <p>Gen #194</p> <p>Gen #241</p> <p>Gen #165</p> <p>Gen #247</p>	<p>28</p> <p>Gen #231</p> <p>Gen #204</p> <p>Gen #166</p> <p>Gen #233</p> <p>Gen #207</p> <p>Gen #146</p> <p>Gen #178</p> <p>Gen #247</p> <p>Gen #194</p>	<p>27</p> <p>Gen #231</p> <p>Gen #204</p> <p>Gen #166</p> <p>Gen #233</p> <p>Gen #207</p> <p>Gen #146</p> <p>Gen #178</p> <p>Gen #247</p> <p>Gen #194</p>
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EXISTING AMOCO WELLS

## OUTSIDE OPERATED WELLS

PROPOSED WELL  
GALLEGOS CANYON UNIT #185E

www

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

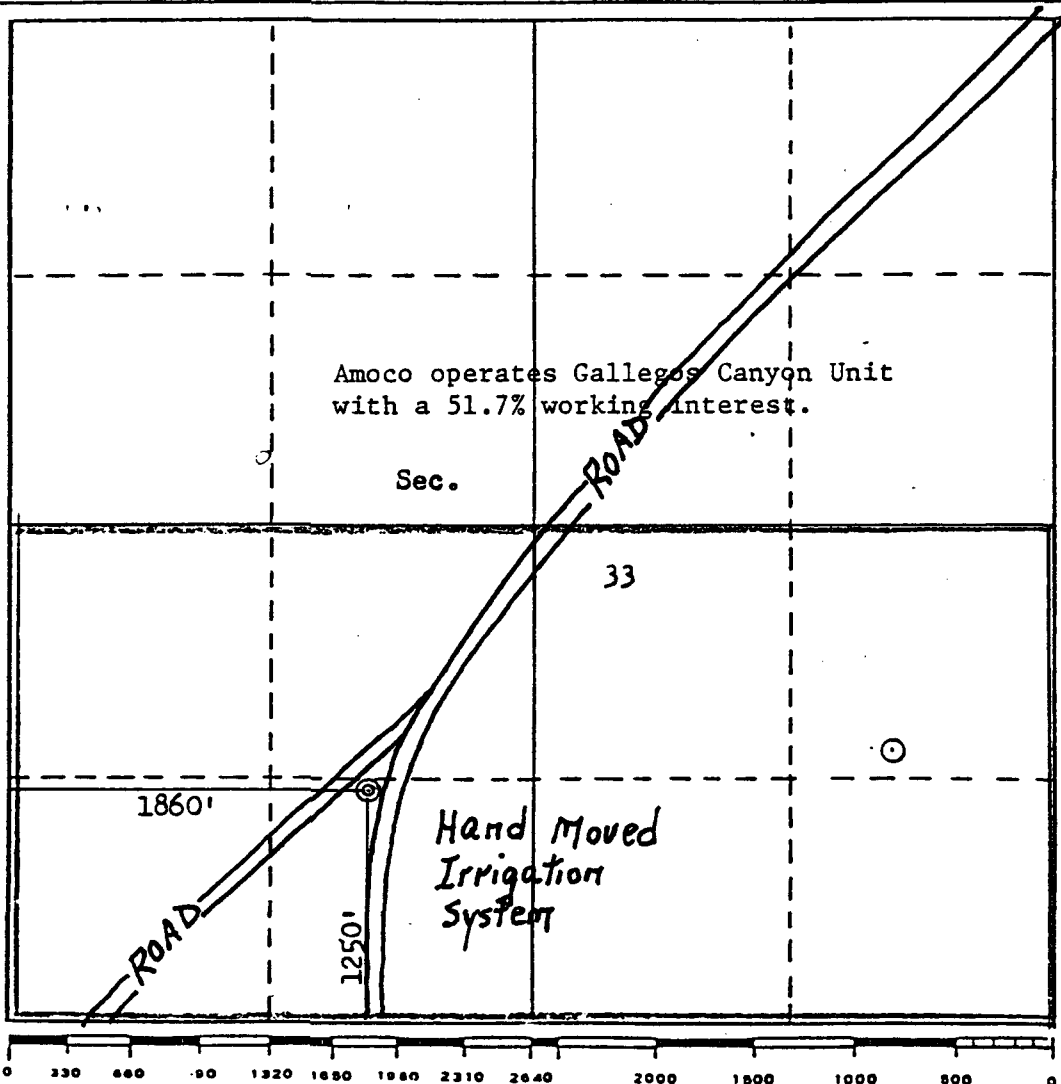
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>186-E</b>
Unit Letter <b>N</b>	Section <b>33</b>	Township <b>28N</b>	Range <b>12W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1250</b> feet from the <b>South</b> line and <b>1860</b> feet from the <b>West</b> line				
Ground Level Elev. <b>5707</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320</b> 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?

☒ 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 Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. E. Fackrell*

Name  
**B. E. FACKRELL**  
Position  
**DISTRICT ENGINEER**  
Company  
**AMOCO PRODUCTION COMPANY**  
Date  
**FEBRUARY 15, 1980**

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  
**February 1, 1980**  
Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.  
**3950**

EXISTING AMOCO WELLS

OUTSIDE OPERATED WELLS

PROPOSED WELL

GALLEGOS CANYON UNIT #186E

R 12 W

29	28	27
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OIL CONSERVATION COMMISSION  
Alto DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL x \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated March 4, 1980  
for the Amoco Production Co. G. P. U. #186 E N-33-28N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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Yours very truly,

Frank J. Lang

RECEIVED  
OIL CONSERVATION COMMISSION  
SANTA FE





**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:

<u>Unit Well No.</u>	<u>Unorthodox Site</u>
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 of Section 33-T28N-R12W

MAR 10 1980  
OIL CONSERVATION DIVISION  
SANTA FE

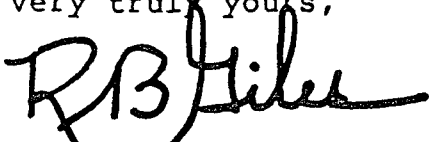


Joe D. Ramey  
March 4, 1980  
Page Two

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 truly 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



OIL CONSERVATION COMMISSION  
Clayton DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL x \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated March 4, 1980  
for the Amoco Prod. Co. S.O.U. #173-E E-29-29N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
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Yours very truly,

Frank S. Lang

RECEIVED  
MAR 10 1980  
CLERK OF DISTRICT

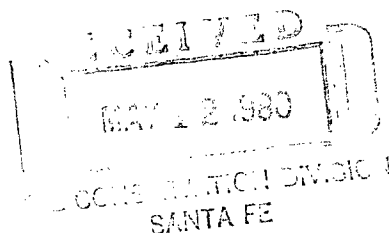
File NSL-1165

OIL CONSERVATION COMMISSION  
Alfred DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE May 8, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_



Gentlemen:

I have examined the application dated May 5, 1980  
for the Amoco Prod. Co. S.C.U. #184E J-28-28N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
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Yours very truly,

Frank S. Chene

OIL CONSERVATION COMMISSION  
Alte DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL x \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

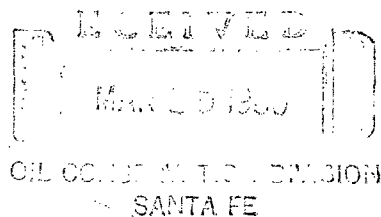
I have examined the application dated March 4, 1980  
for the Amoco Prod. Co G.O.U. #184E P-78-28N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
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Yours very truly,

Frank S. Dawy



OIL CONSERVATION COMMISSION  
By the DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

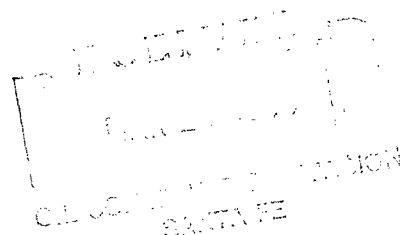
I have examined the application dated March 4, 1980  
for the Amoco Prod. Co. S. O. U. # 125E A-33-28N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
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Yours very truly,

Frank J. Dwyer





**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:

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185E	825' FNL and 775' FEL of Section 33-T28N-R12W
186E	1,250' FSL and 1,860' FWL of Section 33-T28N-R12W

RECEIVED  
MAR 10 1980  
OIL CON. DIVISION  
SANTA FE

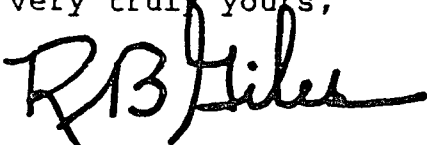


Joe D. Ramey  
March 4, 1980  
Page Two

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 truly yours,



R. B. Giles

RBG/mlm

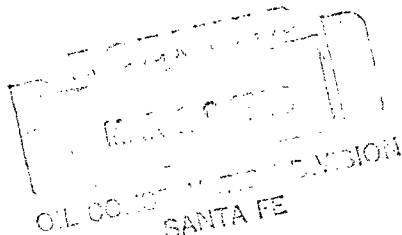
Enclosures

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







**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

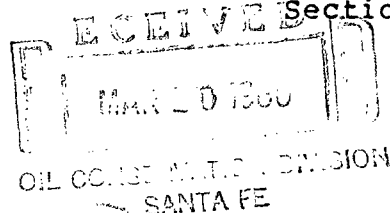
File: HAS-53-986.511

Dear Mr. Ramey:

Application for Right to Produce  
Basin Dakota Gas from Six (6)  
Gallegos Canyon Unit Wells at  
Unorthodox Well Locations,  
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185E	825' FNL and 775' FEL of Section 33-T28N-R12W
186E	1,250' FSL and 1,860' FWL of Section 33-T28N-R12W

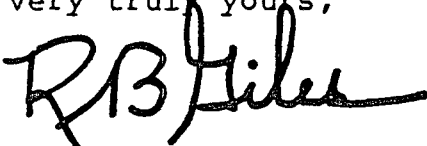


Joe D. Ramey  
March 4, 1980  
Page Two

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 truly yours,



R. B. Giles

RBG/mlm

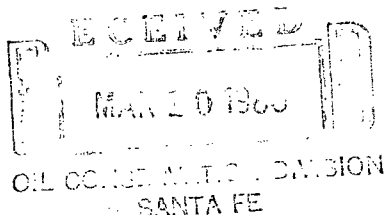
Enclosures

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





**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:

<u>Unit Well No.</u>	<u>Unorthodox Site</u>
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 of Section 33-T28N-R12W

RECEIVED  
MAR 20 1980  
OIL CONSERVATION DIVISION  
SANTA FE

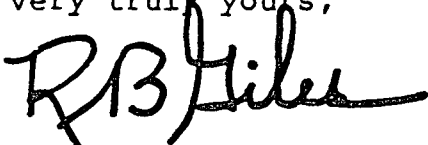


Joe D. Ramey  
March 4, 1980  
Page Two

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 truly yours,



R. B. Giles

RBG/mlm

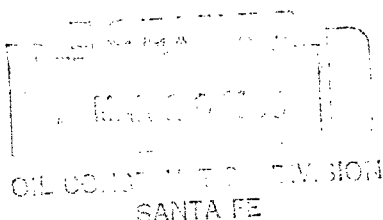
Enclosures

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



OIL CONSERVATION COMMISSION  
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL 2 \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated March 4, 1980  
for the Amoco Prod. Co. G.P.U. #174E E-28-28N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Frank S. Chang





**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:

<u>Unit Well No.</u>	<u>Unorthodox Site</u>
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 of Section 33-T28N-R12W

OIL CON. DIVISION  
SANTA FE

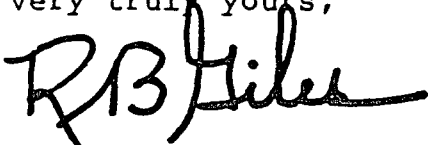


Joe D. Ramey  
March 4, 1980  
Page Two

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 truly yours,



R. B. Giles

RBG/mlm

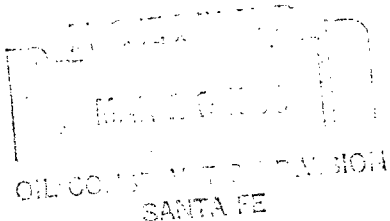
Enclosures

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



OIL CONSERVATION COMMISSION  
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

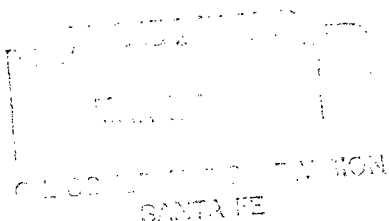
I have examined the application dated March 4, 1980  
for the Amow Prod. Co. B. C. U # 93E L-36-29N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Frank S. Dargatzis







**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:

<u>Unit Well No.</u>	<u>Unorthodox Site</u>
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 of Section 33-T28N-R12W

OIL CON. COM.  
SANTA FE

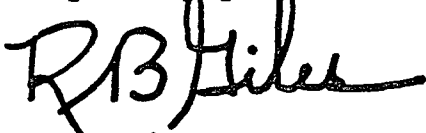


Joe D. Ramey  
March 4, 1980  
Page Two

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 truly yours,



R. B. Giles

RBG/mlm

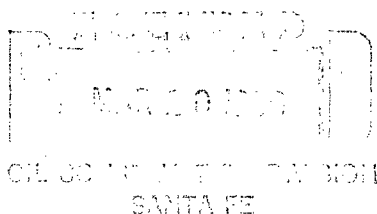
Enclosures

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





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:

<u>Unit Well No.</u>	<u>Previously Approved Unorthodox Site</u>	<u>New Unorthodox Site</u>
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 section of the 320-acre proration unit, and be at least 135' from any quarter quarter section line or subdivision inner boundary.

