



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-91-986.511

Dear Mr. Ramey:

Application for Right to Produce
Basin Dakota Gas From Jack Frost "B" No. 1-E
at an Unorthodox Well Location in
SW/4 of Section 27-T27N-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 Jack Frost "B" No. 1-E, a Basin Dakota ^{100'} infill well, at the unorthodox location of 615' FSL and 810' FWL of Section 27-T27N-R10W. This request supersedes my request by letter of April 1, 1980, for the unorthodox location of 910' FSL and 650' FWL of Section 27.

A Form C-102 showing the reason for this unorthodox location is enclosed. The well will be located near the Angel Peak recreation area, and the move has been made to satisfy the request of the Bureau of Land Management so as to avoid the well site being in view of a scenic overlook. This 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.

A plat is also enclosed which shows offset wells and operators. By the attached Verification and Affidavit that is a part of this application, all affected offset operators of Basin Dakota wells are being notified by certified mail of this

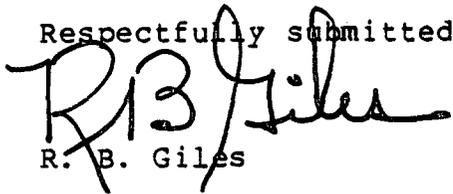
*Amend
NS L 1180
Rule 3 R-1670
~~5-25-80~~
waivers in
Immediate*

RECEIVED
MAY 05 1980
OIL CONSERVATION DIVISION
SANTA FE

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

unorthodox location request. In this instance, El Paso Natural Gas and Dugan Production Company are affected offset operators. If there is no objection to this unorthodox location request, we ask that El Paso and Dugan each signify on three (3) copies of this letter in the space provided below, sending one copy to you at the NMOCC, one copy to me, and retaining the third copy for their own files. In the absence of an objection from either affected offset operator within twenty (20) days, and provided you have no objection to this application, we shall appreciate receiving your administrative approval. Of course, if there is an objection, please set the matter for hearing.

Respectfully submitted,



R. B. 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

The undersigned has no objection to Amoco's request for an unorthodox well location for its Jack Frost "B" Well No. 1-E to be located 615' FSL and 810' FWL of Section 27-T27N-R10W, San Juan County, New Mexico.

By: _____

Representing: _____

Dated: _____

TF008

VERIFICATION AND AFFIDAVIT

STATE OF COLORADO)
 : ss
COUNTY OF DENVER)

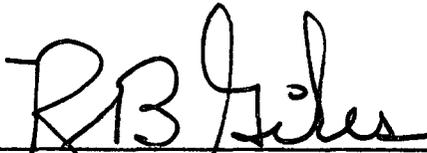
R. B. Giles, of lawful age, being first duly sworn on his oath, deposes and says:

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 of the right to produce Basin Dakota gas from Jack Frost "B" No. 1-E at a location 615' FSL and 810' FWL of Section 27-T27N-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; and that a copy thereof was sent by certified mail from Applicant's Denver, Colorado, office on May 1, 1980, to the following affected offset operators, at the addresses shown herein, to wit:

John A. Ahlm
El Paso Exploration Company
P. O. Box 289
Farmington, NM 87401

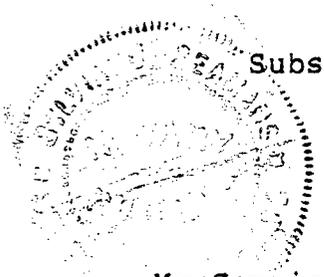
Dugan Production Company
P. O. Box 234
Farmington, NM 87401

and to the best of his information, knowledge and belief, the operators above named are the only operators to whom notice of such application is required to be given in accordance with Rule 104 of the Rules and Regulations of the New Mexico Oil Conservation Division.



R. B. GILES

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





NOTARY PUBLIC

My Commission expires:

8-15-80

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2048
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

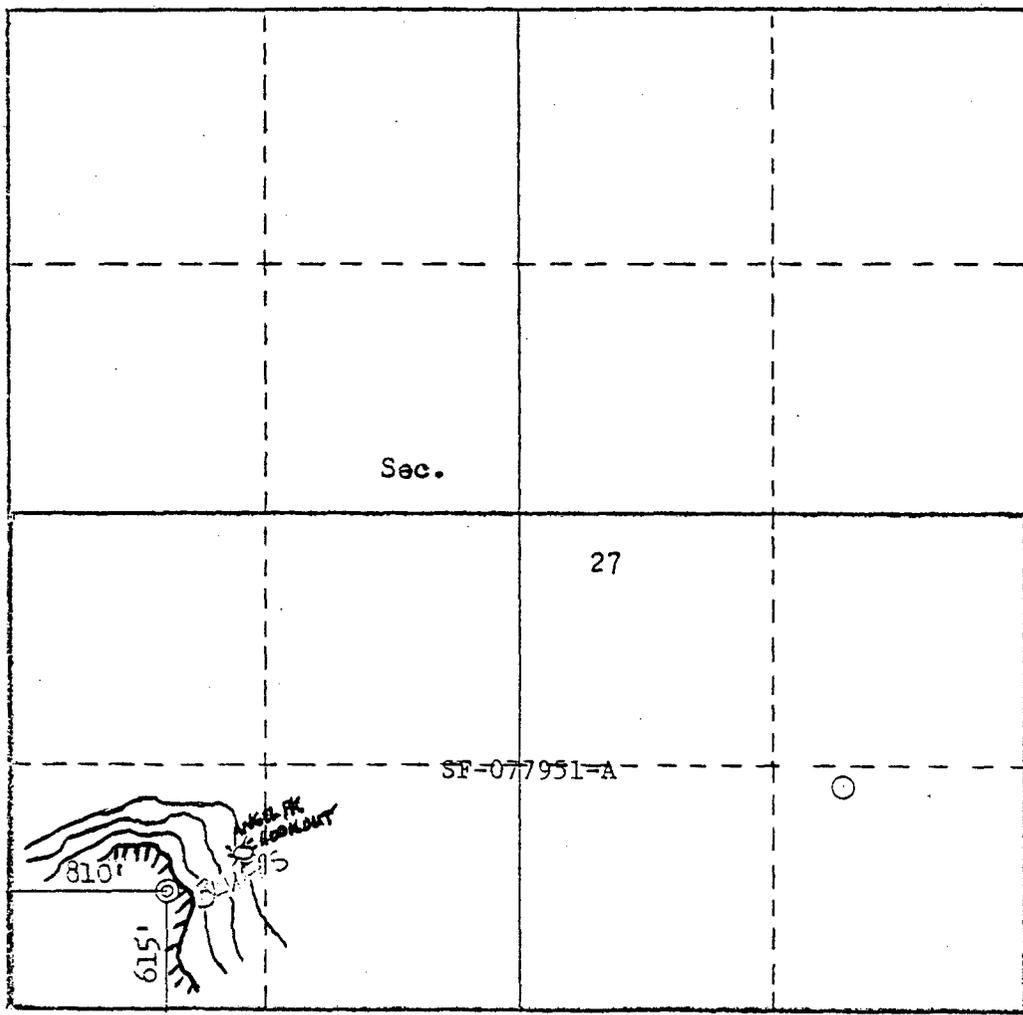
Operator AMOCO PRODUCTION COMPANY		Lease JACK FROST "B"		Well No. 1-E
Unit Letter M	Section 27	Township 27N	Range 10W	County San Juan
Actual Footage Location of Well: 615 feet from the South line and 810 feet from the West line				
Ground Level Elev. 6158	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 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).
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 Communitization

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
APRIL 18, 1980

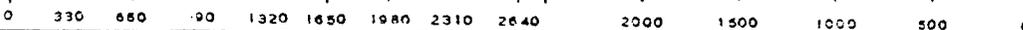
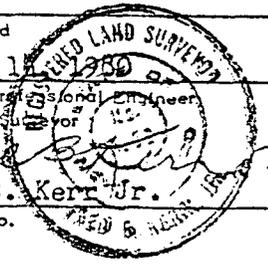
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 14, 1980

Registered Professional Engineer and/or Land Surveyor

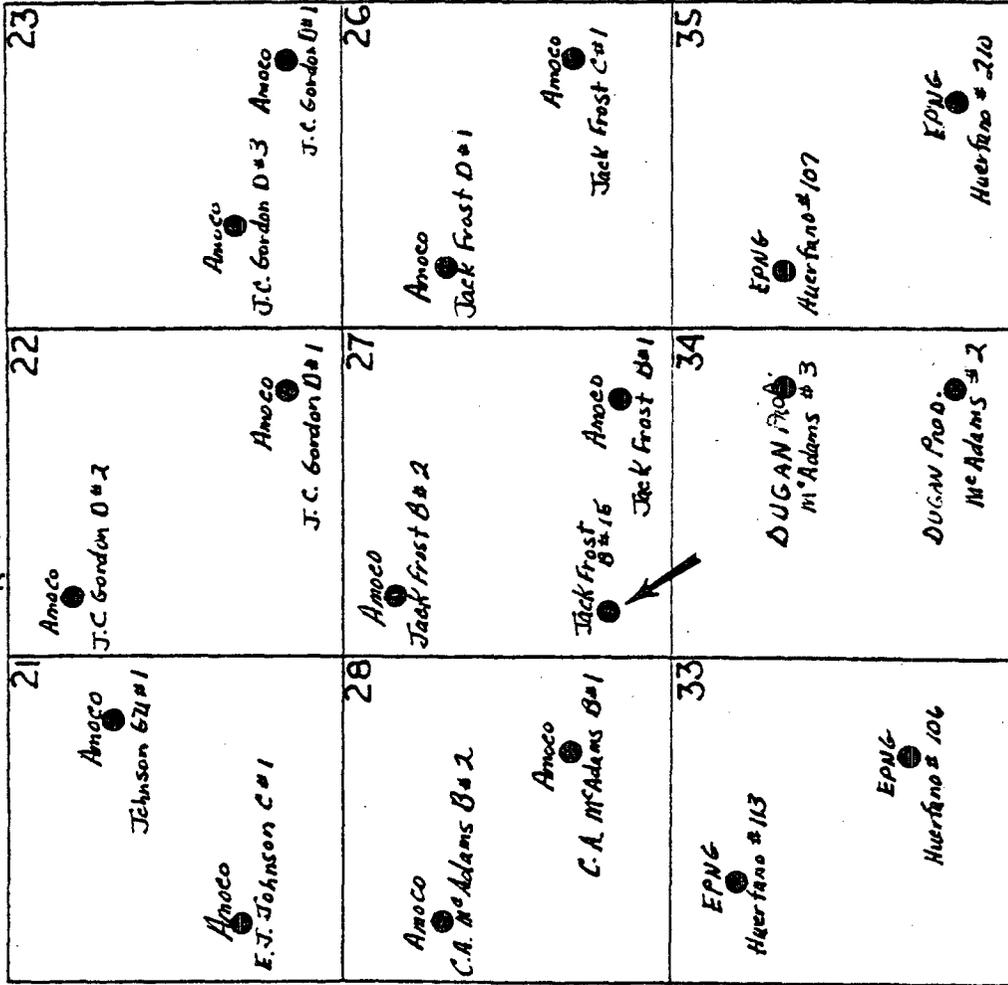
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950



WELL OWNERSHIP MAP

R 10 W



● EXISTING DAKOTA WELLS
 ↑ PROPOSED WELL LOCATION



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

April 28, 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

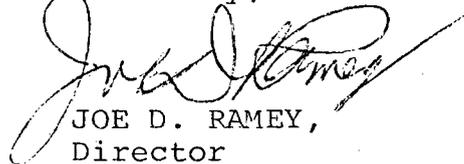
Administrative Order NSL-1180

Gentlemen:

Reference is made to your application for approval of a non-standard location for your Jack Frost "B" Well No. 1-E located 910 feet from the South line and 650 feet from the West line of Section 27, Township 27 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

Will not use. BLM had our District move the well site.

Rbg 4/30/80



Amoco Production Company

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

April 1, 1980

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

*NSL-1180
Rule 3 R-1670
H-27-80*

File: HAS-78-986.511

Dear Mr. Ramey:

Application for Right to Produce
Basin Dakota Gas From Jack Frost "B" No. 1-E
at an Unorthodox Well Location in
SW/4 of Section 27-T27N-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 Jack Frost "B" No. 1-E, a
Basin Dakota infill well, at the unorthodox location of
910' FSL and 650' FWL of Section 27-T27N-R10W.

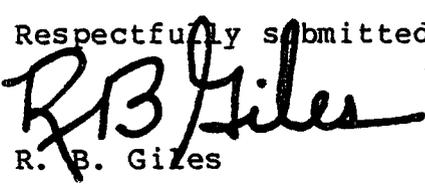
A Form C-102 showing the reason for this unorthodox location
is enclosed. The reason is because of highly irregular
topography. This well site is an exception because the
permissible location for a Basin Dakota infill well must
be at least 790' from the outer boundary line of the undrilled
quarter section of the 320 acre proration unit, and be at
least 130' from any quarter quarter section line or subdivision
inner boundary.

A plat is also enclosed which shows offset wells and operators.
By the attached Verification and Affidavit that is a part
of this application, all affected offset operators of Basin
Dakota wells are being notified by certified mail of this
unorthodox location request. In this instance, El Paso
Natural Gas and Dugan Production Company are affected offset
operators. If there is no objection to this unorthodox
location request, we ask that El Paso and Dugan each signify
on three (3) copies of this letter in the space provided

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

below, sending one copy to you at the NMOCC, one copy to me, and retaining the third copy for their own files. In the absence of an objection from either affected offset operator within twenty (20) days, and provided you have no objection to this application, we shall appreciate receiving your administrative approval. Of course, if there is an objection, please set the matter for hearing.

Respectfully submitted,


R. B. 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

The undersigned has no objection to Amoco's request for an unorthodox well location for its Jack Frost "B" Well No. 1-E to be located 910' FSL and 650' FWL of Section 27-T27N-R10W, San Juan County, New Mexico.

By: _____

Representing: _____

Dated: _____

HI680

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 7088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section

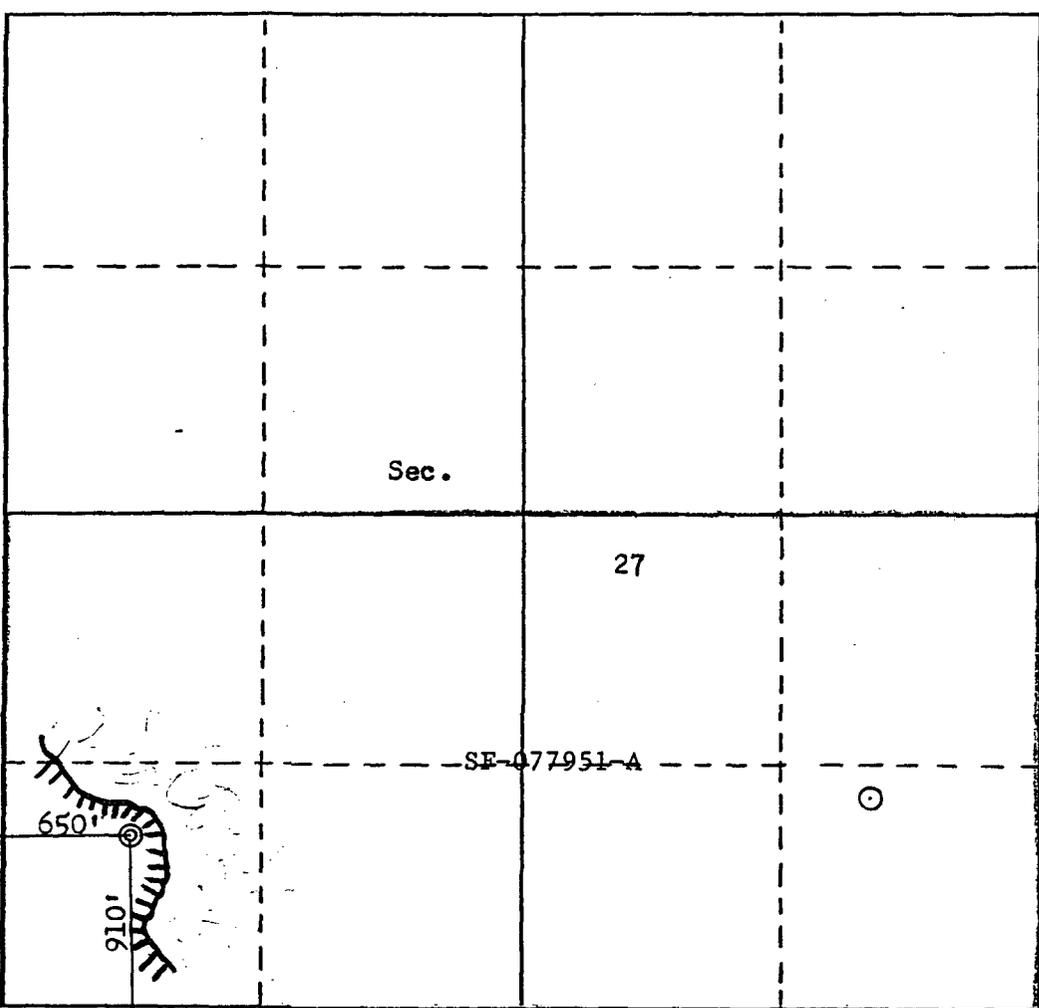
Operator AMOCO PRODUCTION COMPANY			Lease JACK FROST "B"		Well No. 1-E
Unit Letter M	Section 27	Township 27N	Range 10W	County San Juan	
Actual Footage Location of Well: 910 feet from the South line and 650 feet from the West line					
Ground Level Elev. 6161	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 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).
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 COMMUNITIZATION

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

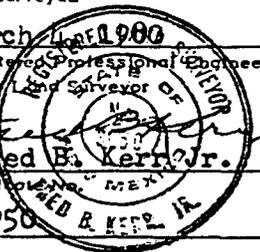
Date
MARCH 10, 1980

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
March 10, 1980

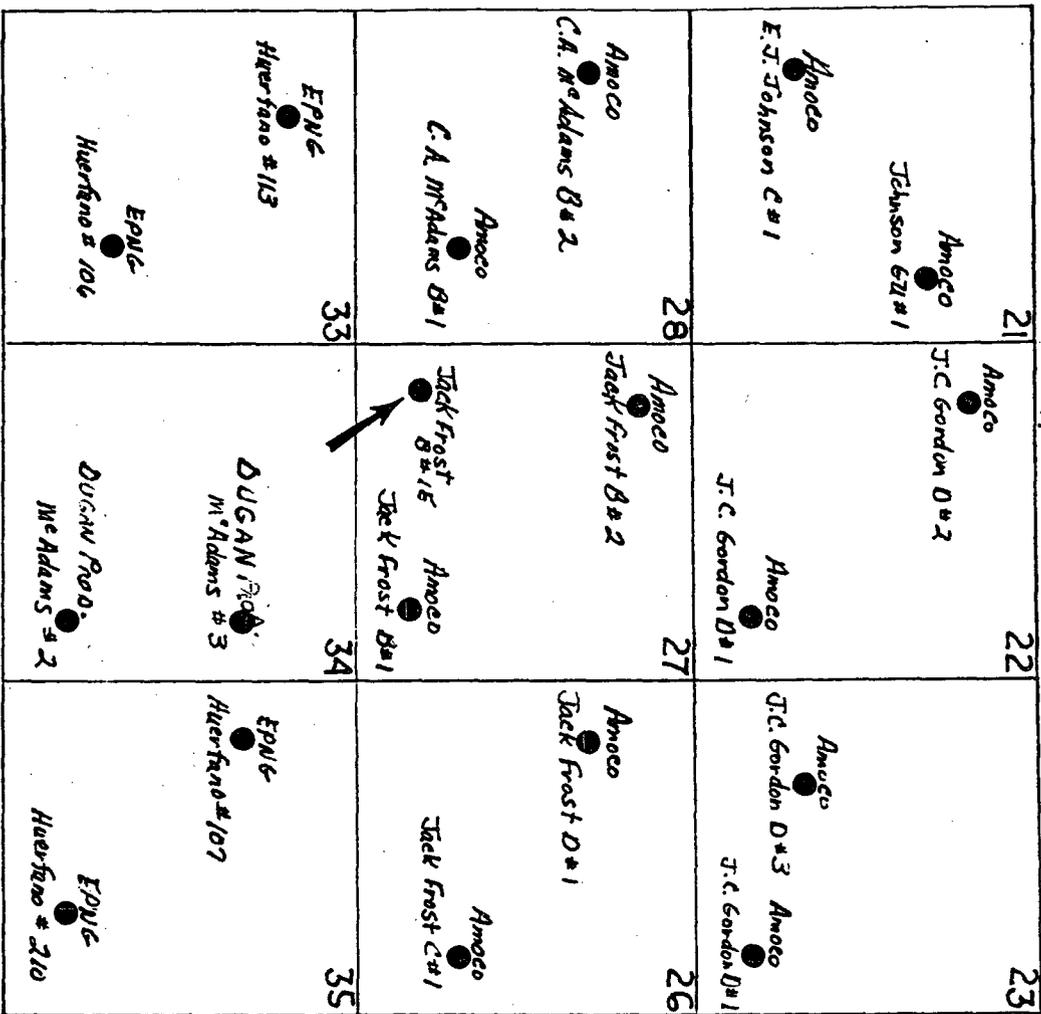
Registered Professional Engineer and/or Registered Surveyor of New Mexico
Fred B. Kerr Jr.

Certificate No. **3950**



WELL OWNERSHIP MAP

R 10 W



T 27 N

EXISTING DAKOTA WELLS



PROPOSED WELL LOCATION



OIL CONSERVATION COMMISSION
Chyler 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 _____

RECEIVED
MAY 12 1980
OIL CONSERVATION DIVISION
SANTA FE

Gentlemen:

I have examined the application dated May 5, 1980
for the Onow Prod. Co. Jack Frost B #1E M-27-27N-10w
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

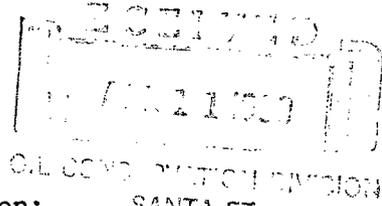
Frank J. Chyler

OIL CONSERVATION COMMISSION
Carter DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 8, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL x _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen: SANTA FE

I have examined the application dated April 1, 1980
for the Almoro Prod. Co. Jack Frost B #1E M-27-27N-10W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Frank S. Casey



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

April 7, 1980

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

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

Re: Application for Non-Standard
Location: Jack Frost "B" No. 1-E
SW/4 of Sec. 27, T-27-N, R-10-W
San Juan County

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- A plat must be submitted clearly showing the ownership of the offsetting leases.
- A statement must be submitted that offset owners have been notified of the application by certified mail.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- Other: No original signed copies were received, only xerox copies.

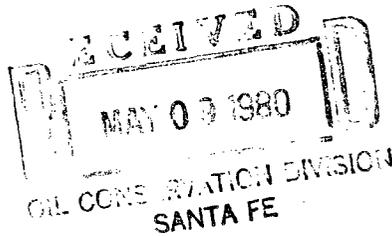
Very truly yours

R. L. STAMETS
Technical Support Chief

RLS/dr



May 1, 1980



Waiver Dugan

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

File: HAS-91-986.511

Dear Mr. Ramey:

Application for Right to Produce
Basin Dakota Gas From Jack Frost "B" No. 1-E
at an Unorthodox Well Location in
SW/4 of Section 27-T27N-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 Jack Frost "B" No. 1-E, a Basin Dakota infill well, at the unorthodox location of 615' FSL and 810' FWL of Section 27-T27N-R10W. This request supersedes my request by letter of April 1, 1980, for the unorthodox location of 910' FSL and 650' FWL of Section 27.

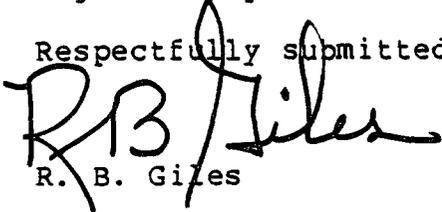
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A plat is also enclosed which shows offset wells and operators. By the attached Verification and Affidavit that is a part of this application, all affected offset operators of Basin Dakota wells are being notified by certified mail of this

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

unorthodox location request. In this instance, El Paso Natural Gas and Dugan Production Company are affected offset operators. If there is no objection to this unorthodox location request, we ask that El Paso and Dugan each signify on three (3) copies of this letter in the space provided below, sending one copy to you at the NMOCC, one copy to me, and retaining the third copy for their own files. In the absence of an objection from either affected offset operator within twenty (20) days, and provided you have no objection to this application, we shall appreciate receiving your administrative approval. Of course, if there is an objection, please set the matter for hearing.

Respectfully submitted,


R. B. Giles

RBG/mlm

Enclosures

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

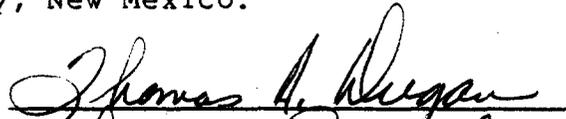
P. T. McGrath
United States Geological Survey
P. O. Box 965
Farmington, NM 87401

The undersigned has no objection to Amoco's request for an unorthodox well location for its Jack Frost "B" Well No. 1-E to be located 615' FSL and 810' FWL of Section 27-T27N-R10W, San Juan County, New Mexico.

By:

Representing:

Dated:


Thomas A. Morgan
Morgan Prod. Corp.
5-7-80

TF008

VERIFICATION AND AFFIDAVIT

STATE OF COLORADO)
 : ss
COUNTY OF DENVER)

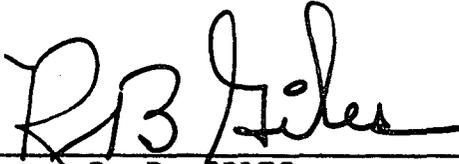
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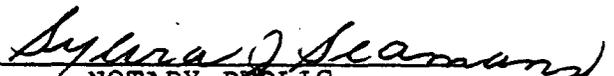
John A. Ahlm
El Paso Exploration Company
P. O. Box 289
Farmington, NM 87401

Dugan Production Company
P. O. Box 234
Farmington, NM 87401

and to the best of his information, knowledge and belief, the operators above named are the only operators to whom notice of such application is required to be given in accordance with Rule 104 of the Rules and Regulations of the New Mexico Oil Conservation Division.


R. B. GILES

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


NOTARY PUBLIC

My Commission expires:

8-15-80

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

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

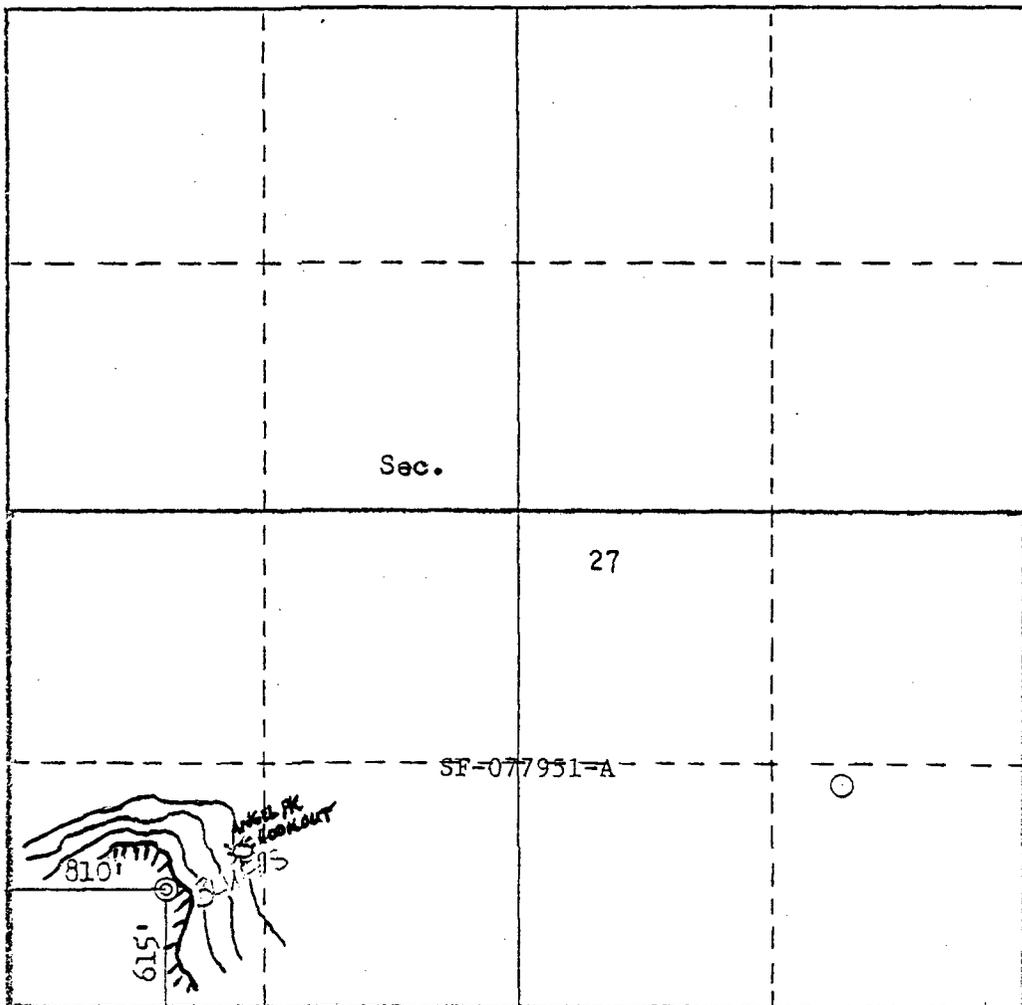
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Unit Letter M	Section 27	Township 27N	Range 10W	County San Juan
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Yes No If answer is "yes," type of consolidation Communitization

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
APRIL 18, 1980

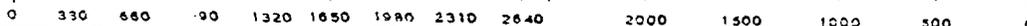
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 18, 1980

Registered Professional Engineer and/or Land Surveyor

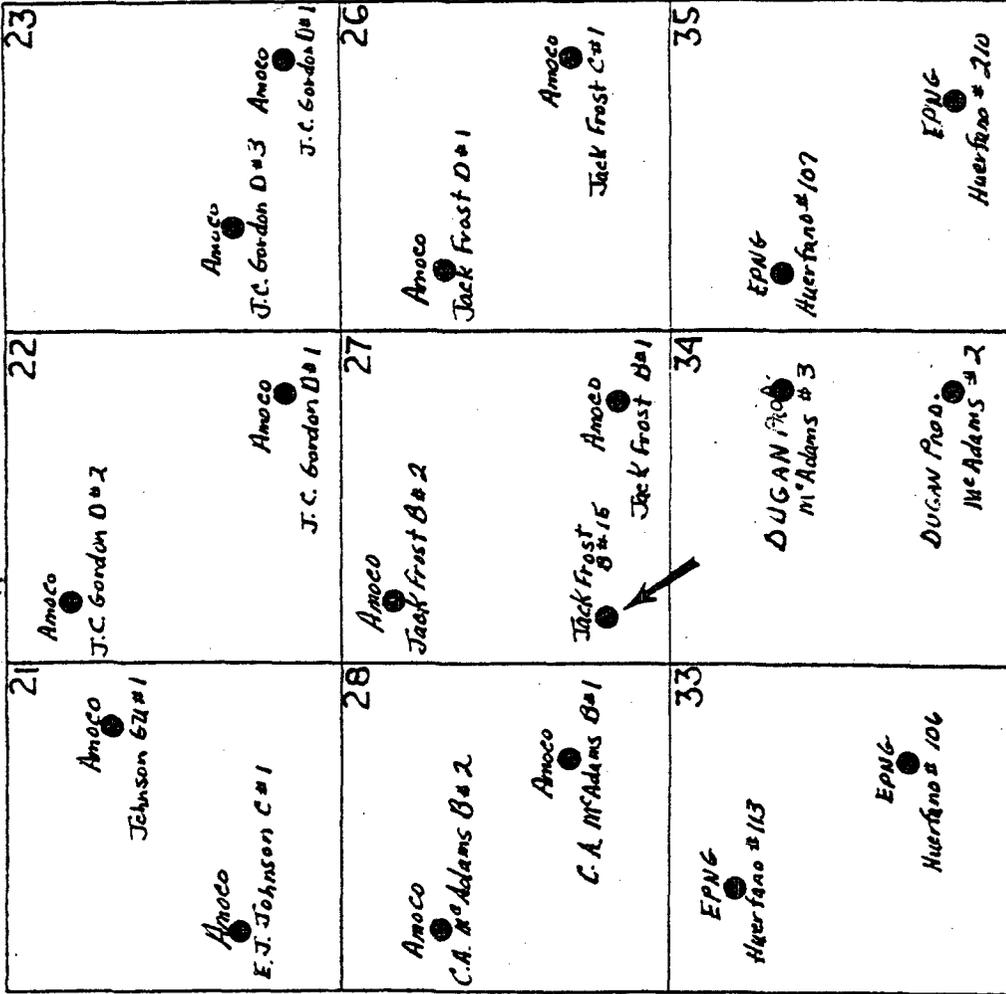
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950



WELL OWNERSHIP MAP

R 10 W



T 27 N

EXISTING DAKOTA WELLS ●

PROPOSED WELL LOCATION →



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

April 28, 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

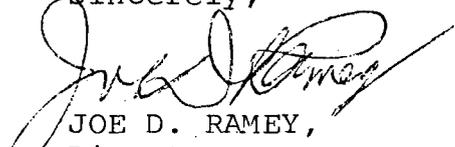
Administrative Order NSL-1180

Gentlemen:

Reference is made to your application for approval of a non-standard location for your Jack Frost "B" Well No. 1-E located 910 feet from the South line and 650 feet from the West line of Section 27, Township 27 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

Will not use. BLM had our District move the well site.

Rbg 4/30/80