



**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

File: HAS-78-986.511

*Do we need  
these copies?*

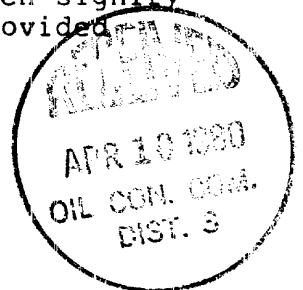
Dear Mr. Ramey:

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. Gizes*  
R. B. Gizes

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: *John A. Ahlton*

Representing: EL PASO NATURAL GAS COMPANY

Dated: April 9, 1980

HI680





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 910' FSL and 650' 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 April 1, 1980, to the following affected offset operators, at the addresses shown herein, to wit:


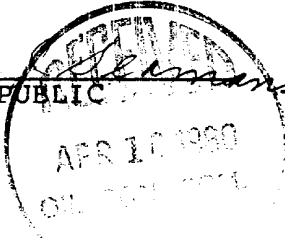
John A. Ahlm  
El Paso Exploration Company  
P. O. Box 289  
Farmington, NM 87401

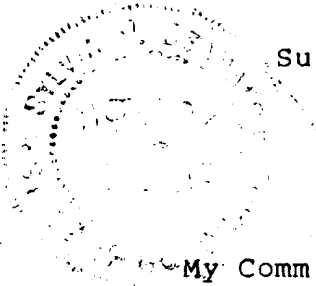
Dugan Production Company  
P. O. Box 234  
Farmington, NM 87401

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 April, 1980.

  
\_\_\_\_\_  
NOTARY PUBLIC  




My Commission expires:

8-15-80



OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section

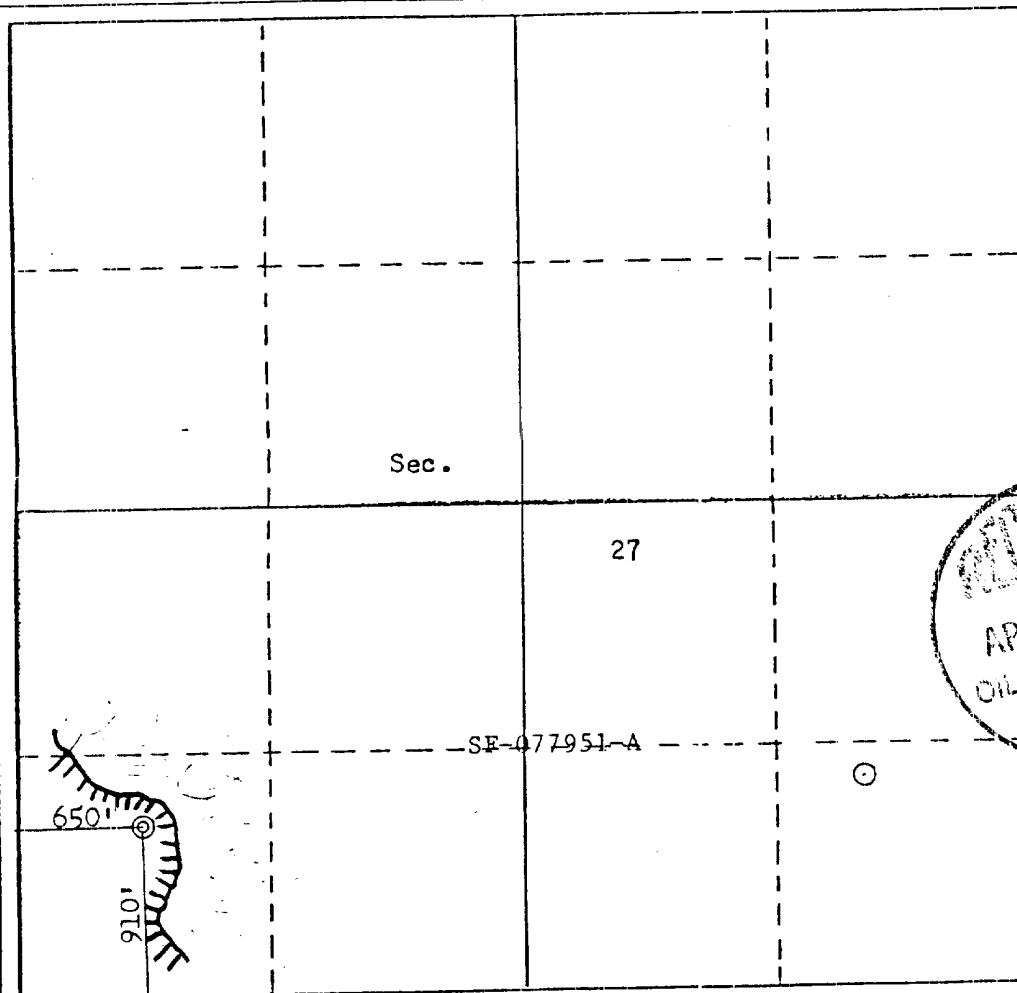
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>JACK FROST "B"</b>		Well No. <b>1-E</b>
Unit Letter <b>M</b>	Section <b>27</b>	Township <b>27N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>910</b> feet from the <b>South</b> line and <b>650</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6161</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been 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**

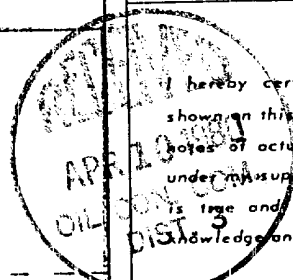
Date  
**MARCH 10, 1980**

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 Land Surveyor of New Mexico  
*Fred B. Kerr, Jr.*  
**Fred B. Kerr, Jr.**

Certification No. **3950**

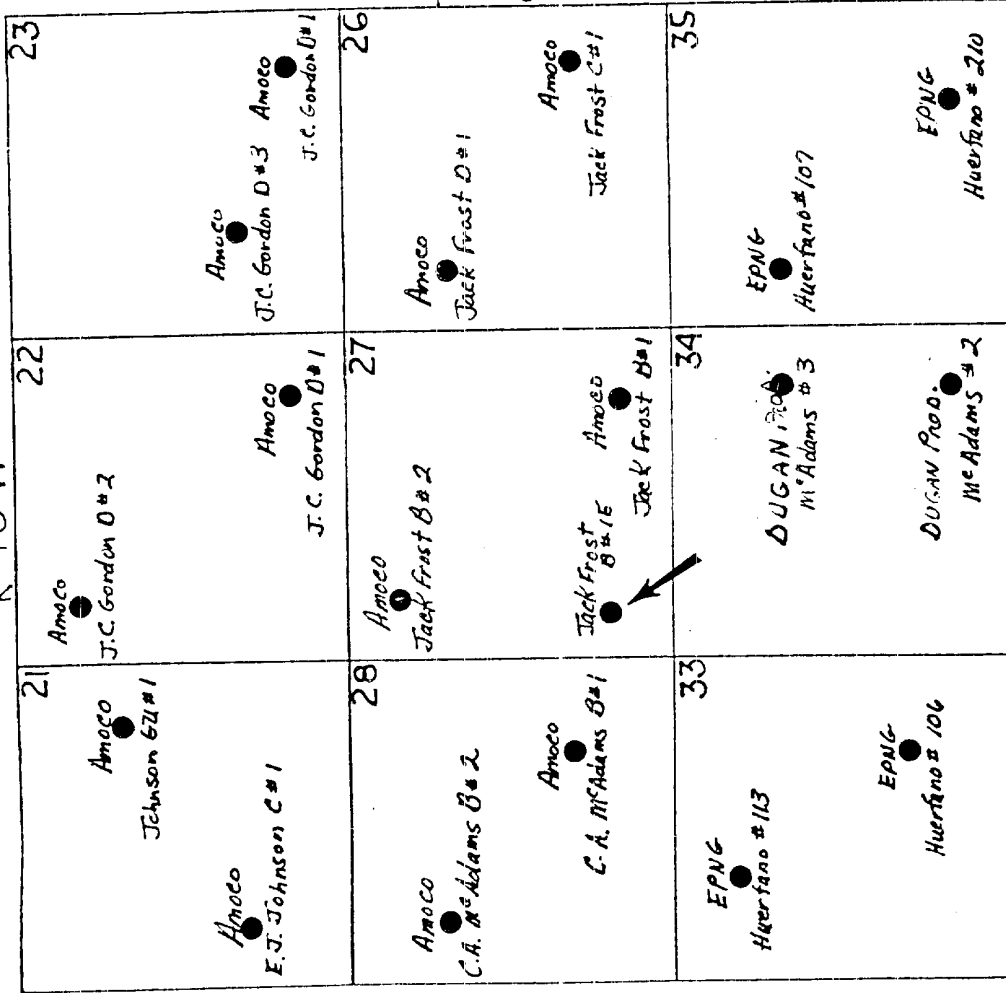






WELL OWNERSHIP MAP

R 10 W



● EXISTING DAKOTA WELLS  
 ○ PROPOSED WELL LOCATION







4-29

STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

April 28, 1980

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

LARRY KEHOE  
SECRETARY

Amoco Production Company  
 Security Life Building  
 Denver, Colorado 80202

Attention: Mr. R. B. Giles

Administrative Order NSL-1180

Gentlemen:

*Loc. changed!*

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



