



NSL-985

**Amoco Production Company**

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

September 8, 1978

SEP 11 1978

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

File: RAS-861-986.511

Application For Non-Standard Location,  
San Juan 29-4 Well No. 23,  
SE/4 of Section 15-T29N-R4W,  
Wildcat Pictured Cliffs,  
Rio Arriba County, NM

Santa Fe  
NSL-985  
Bu 104 F  
Oct 1, 1978

By this application submitted in triplicate, we respectfully request your administrative approval for a non-standard location due to topography for San Juan 29-4 Well No. 23 to be located 2180' FSL and 1580' FEL of Section 15-T29N-R4W. Attached is a topography map showing conditions which forced the non-standard location.

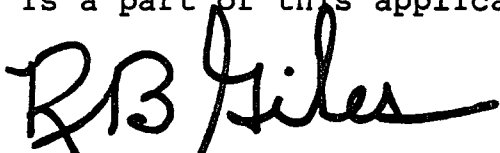
Application for a permit to drill and an environmental analysis in compliance with NTL-6 have already been filed by our Farmington Area office with the USGS on this wildcat Pictured Cliffs location.

The standard locations for wildcat gas wells in Rio Arriba County must be 130' from the quarter-quarter section boundaries and 790' from the exterior boundary of each spacing unit as shown on the attached topographic map. The designated spacing unit for San Juan 29-4 Well No. 23 is the SE/4 of Section 15. A review of the topographic map shows that a standard location for this well would be very difficult and expensive to drill, due to the topography of this area. The proposed location of 2180' FSL and 1580' FEL of Section 15 is in a much flatter area requiring less expense and surface disruption to build.

Amoco owns 100% working interest in the San Juan 29-4 Nos. 21, 22 and 23 wells. El Paso Natural Gas Company will operate the wells as Operator of the San Juan 29-4 Unit. The non-standard location for San Juan 29-4 Well No. 23 is a move north towards Amoco held offset acreage. Offset owners

Joe D. Ramey, Director (3)  
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and the location of all Pictured Cliffs wells are shown on an enclosed plat. The attached Verification and Affidavit of certified mailing to Continental Oil Company, an offset operator to the east and to the south of the SE/4 of Section 15, is a part of this application.

  
R. B. Giles

RBG/fet  
Encls.

cc:  
A. R. Kendrick, Supervisor  
District No. 3  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Atzec, NM 87110

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

D. N. Canfield  
El Paso Natural Gas Company  
P. O. Box 1492  
El Paso, TX 79999

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 Commission and his qualifications have been made of record; that Amoco's application for approval of a non-standard well location for San Juan 29-4 Well No. 23, 2180' FSL and 1580' FEL of Section 15, T29N, R4W, a wildcat Pictured Cliffs location in Rio Arriba 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 September 8, 1978, to the following offset operator, at the address shown herein, to wit:

Continental Oil Company  
1001 North Turner Street  
P. O. Box 460  
Hobbs, New Mexico 88240

and to the best of his information, knowledge and belief, the operator above named is the only operator 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 Commission.

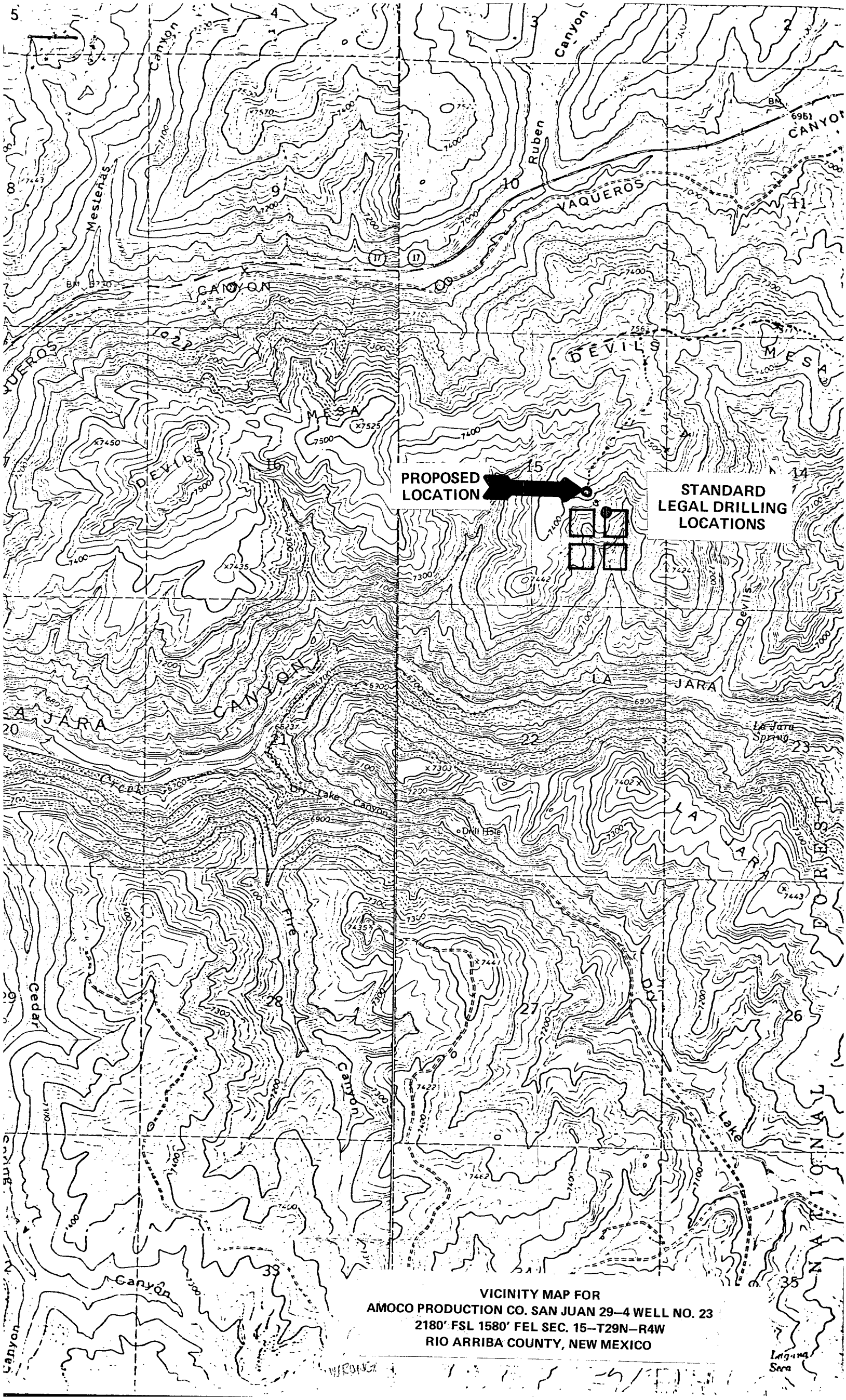
  
\_\_\_\_\_  
R. B. Giles

Subscribed and sworn to before me this 8th day of September, 1978.

  
\_\_\_\_\_  
Notary Public

My Commission expires:

My Commission Expires Aug. 15, 1980

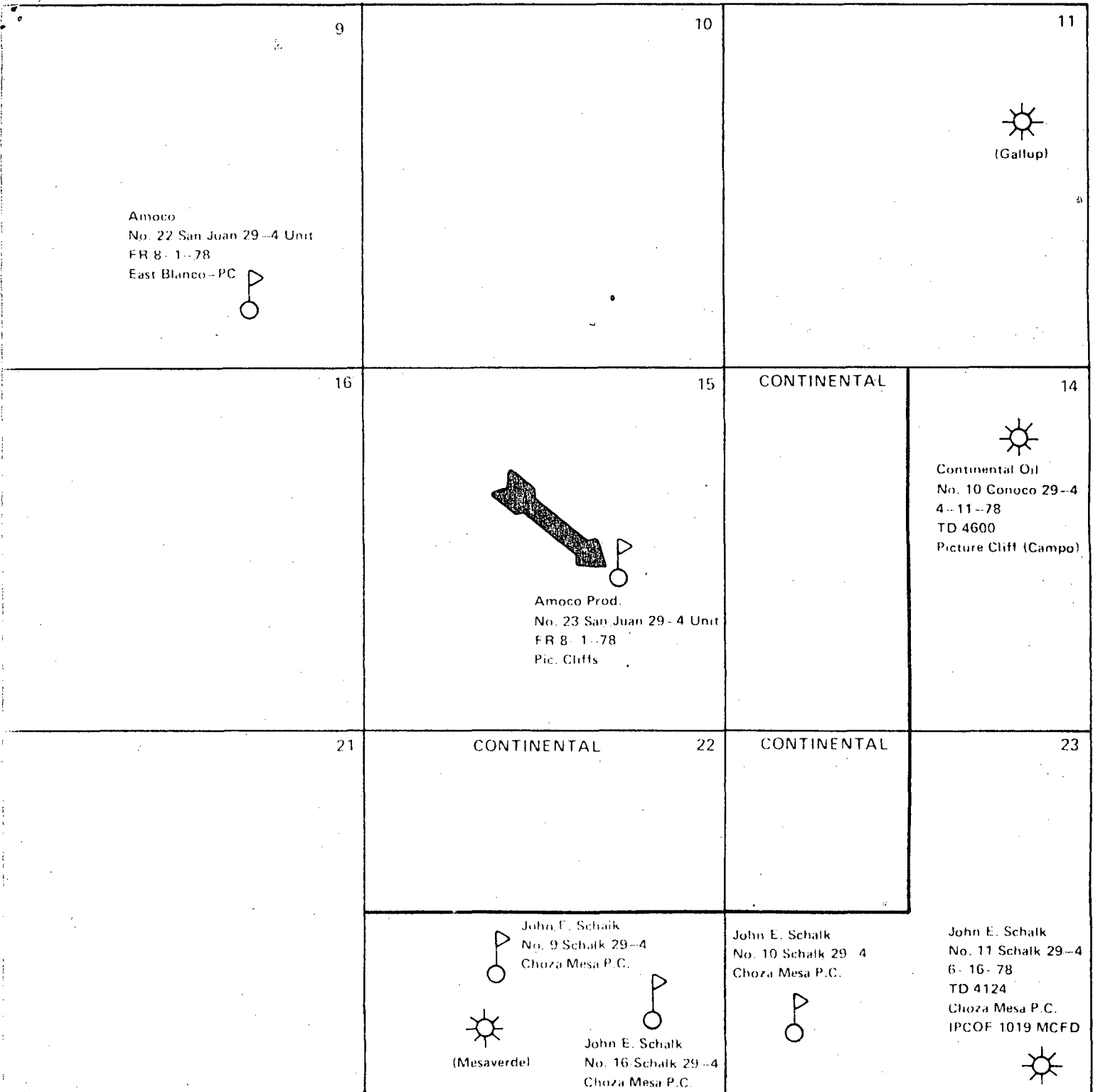


PROPOSED  
LOCATION

STANDARD  
LEGAL DRILLING  
LOCATIONS

VICINITY MAP FOR  
AMOCO PRODUCTION CO. SAN JUAN 29-4 WELL NO. 23  
2180' FSL 1580' FEL SEC. 15-T29N-R4W  
RIO ARriba COUNTY, NEW MEXICO

R4W



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29  
N

OWNERSHIP PLAT  
OFFSETTING  
AMOCO'S SAN JUAN 29-4 WELL NO. 23  
SE/4 OF SECTION 15 PICTURED CLIFFS  
GAS DRILLING UNIT  
RIO ARriba COUNTY, NEW MEXICO

NEW MEXICO WASTE CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supercedes C-126  
Effective 1-1-65

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

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>San Juan 29-4 Unit</b>		Well No. <b>23</b>
Unit Letter <b>J</b>	Section <b>15</b>	Township <b>29N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>	

Actual Footage Location of Well:

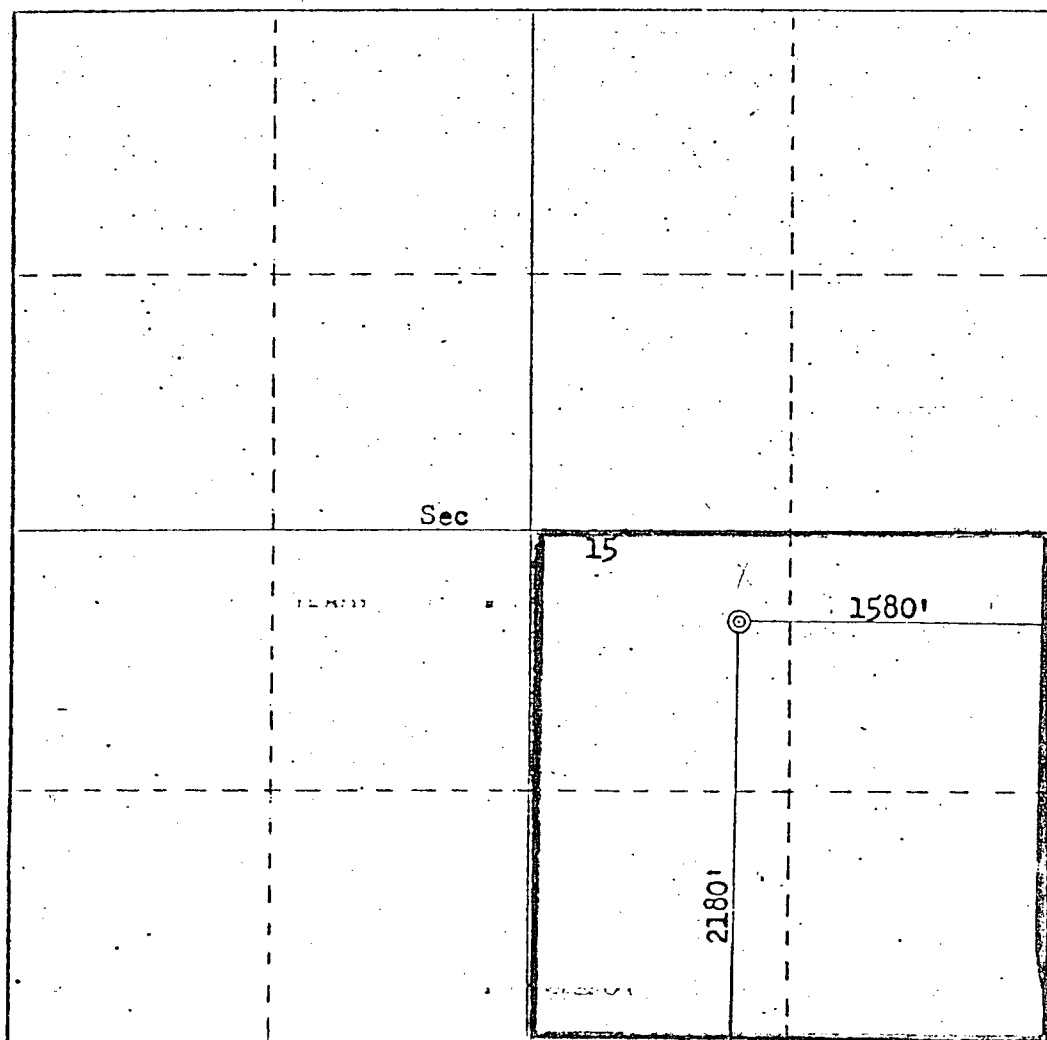
<b>2180</b>	feet from the <b>South</b>	line and	<b>1580</b>	feet from the <b>East</b>	line
Ground Level Elev. <b>7401</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>E. Blanco Pictured Cliffs</b>	Dedicated Acreage: <b>160</b> Acres	

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 \_\_\_\_\_

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**

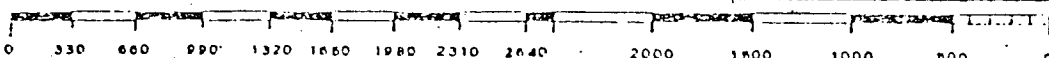
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*[Signature]*

Name <b>J. L. KRUPKA</b>
Position <b>AREA ENGINEER</b>
Company <b>AMOCO PRODUCTION COMPANY</b>
Date <b>JULY 18, 1978</b>

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 <b>July 13, 1978</b>
Registered Professional Engineer and Land Surveyor <i>[Signature]</i> <b>FRANK B. KERR JR.</b>



NSL 985

OIL CONSERVATION COMMISSION  
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 9-12-78

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

SEP 14 1978

Gentlemen:

I have examined the application dated 9-8-78  
for the Amoco Production Co. San Juan 29-4 #23 J-15-29N-46  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
(Not a unit well)

Yours very truly,

AR Kendrick



SEP 21 1978

Amoco Production Company

September 8, 1978

Continental Oil Company (3)  
1001 North Turner Street  
P. O. Box 460  
Hobbs, NM 88420

File: RAS-919-986.511

Waiver of Objection to Amoco's Application for a Non-Standard  
Location, San Juan 29-4 Well No. 23, SE/4 Section 15, T29N, R4W,  
Rio Arriba County, New Mexico

The captioned enclosed application should be self explanatory.

If you have no objection to this application, we would very much appreciate the execution by Continental Oil Company of a waiver of objection to it in the space provided below, sending one executed copy to the NMOCC in the enclosed envelope, returning one executed copy to me in the enclosed envelope, and retaining one for your files.

We thank you in advance for your cooperation in handling this request.

*RB Giles*

RBG/Ls  
Enclosure

cc: Joe D. Ramey - NMOCC

The undersigned has no objection to the application for a non-standard location due to topography, Amoco's San Juan 29-4 Well No. 23, to be located 2180' FSL and 1580' FEL of Section 15, T29N, R4W as a wildcat Pictured Cliffs location in Rio Arriba County, New Mexico.

CONTINENTAL OIL COMPANY

By: *E. L. Oshlo*

E. L. Oshlo

Date: September 19, 1978

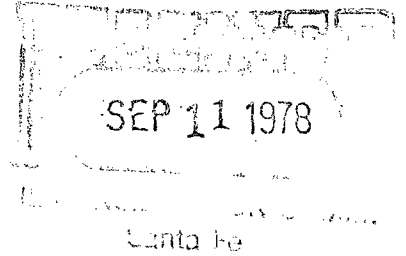




Amoco Production Company

September 8, 1978

Continental Oil Company (3)  
1001 North Turner Street  
P. O. Box 460  
Hobbs, NM 88420



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CONTINENTAL OIL COMPANY

By: \_\_\_\_\_

Date: \_\_\_\_\_

**El Paso** NATURAL GAS  
COMPANY

SEP 27 1978 P. O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-543-2600

September 25, 1978

Mr. R. B. Giles  
Amoco Production Company  
Security Life Building  
Denver, Colorado 80202

Re: San Juan 29-4 Unit #23  
T-29-N, R-24-W  
Section 23: SE/4  
Rio Arriba County, New Mexico

Dear Mr. Giles:

This is to advise that El Paso Natural Gas Company has no objection to the proposed non-standard location for the captioned well set out in your letter of September 8, 1978.

Yours very truly,

  
D. N. Canfield  
Director of Land  
Energy Resource Development

DNC:JRP:jm  
San Juan 29-4 Unit, 5.0

cc: Mr. Joe D. Ramey  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501