

**Tenneco Oil**  
A Tenneco Company

Suite 1200  
Lincoln Tower Building  
Denver, Colorado 80203  
(303) 292-9920

NSL - 830

104 F



Blue Mar 27

March 2, 1977



New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 17501

Attention: Mr. Joe D. Ramey,  
State Petroleum Engineer  
Secretary - Director

Re: Application for Unorthodox Location  
for Tenneco - Archuleta No.1A, San  
Juan County, New Mexico

Dear Sir:

In accordance with Rule 104D II (F) Tenneco hereby requests administrative approval for an unorthodox location for our Archuleta Well No.1A located 1745'FWL and 1975'FNL of Sec.19, T30N, R8W, San Juan County, New Mexico. This location spots the well 174' west of the east boundary line of the dedicated proration unit.

An extensive on the ground inspection was made at the time of staking. Because of the topography and the need to drill far enough away from the old well to properly drain the Mesa Verde formation, this is the only suitable location for the well to be drilled. Please note the shortness of this half section on the surveyors plat (27.08 chains = 1787').

A copy of our application has been submitted to all offset operators by registered mail with a request that they furnish your office with a waiver of objection.

We respectfully request your approval of our application.

Yours very truly,

TENNECO OIL COMPANY

D.D. Myers  
Division Production Manager

Letter of Waiver

\_\_\_\_\_ hereby waives all objection to Tenneco's application for an unorthodox location for their Archuleta No.1A as proposed above.

by: \_\_\_\_\_  
Representative

date: \_\_\_\_\_

Registered Mail  
Return receipt requested  
DDM/tfd/kk

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator <b>TENNECO OIL COMPANY</b>		Lease <b>ARCHULETA</b>		Well No. <b>1 - A</b>
Unit Letter <b>F</b>	Section <b>19</b>	Township <b>30 NORTH</b>	Range <b>8 WEST</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>1975</b> feet from the <b>NORTH</b> line and <b>1745</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>5750</b>	Producing Formation <b>Blanco Mesa Verde</b>	Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>W/2 Sec. 19</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?

(X) Yes ( ) No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually 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**

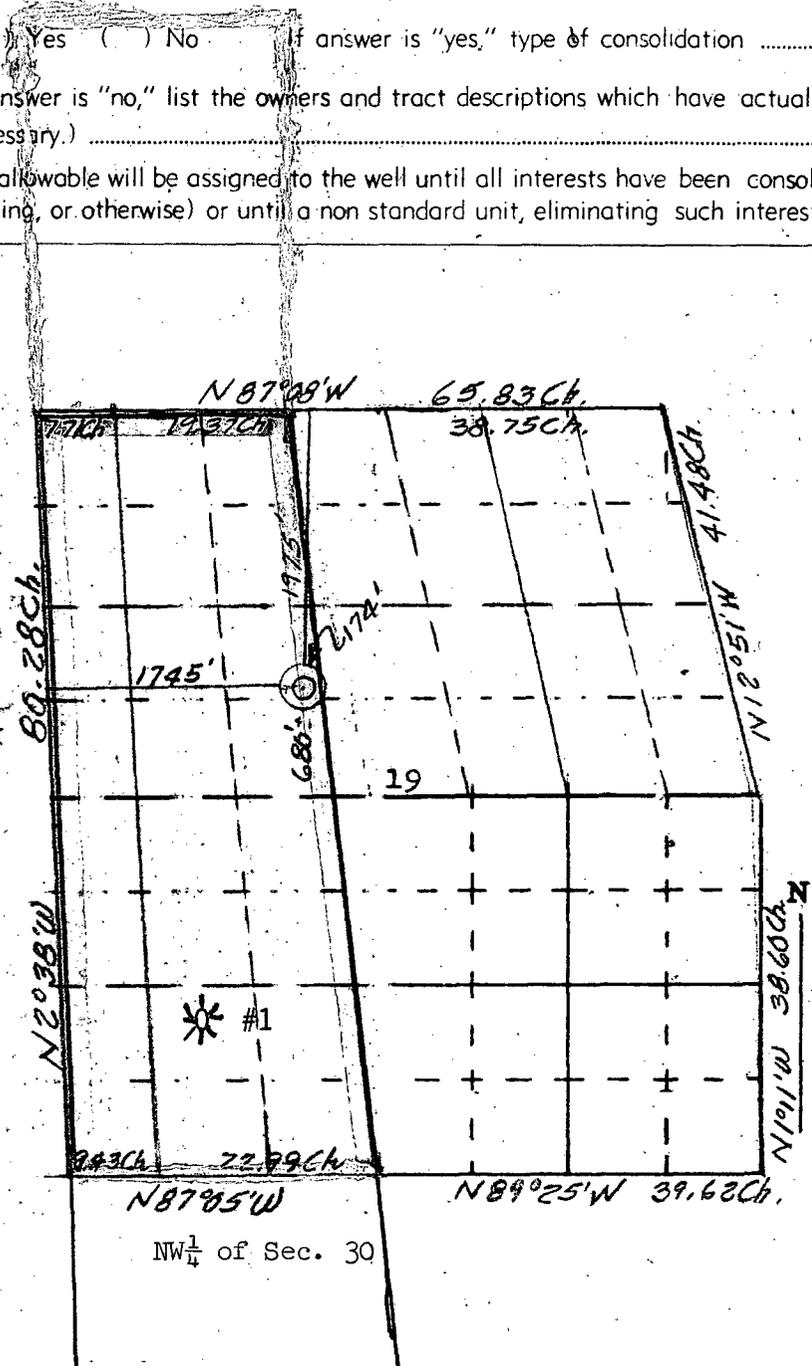
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Paul D. Drueby  
 Position Production Analyst  
 Company Tenneco Oil Company  
 Date February 14, 1977

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 7 February 1977  
James P. Leese  
 Registered Professional Engineer  
 and/or Land Surveyor **James P. Leese**

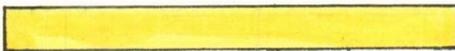
Certificate No: 1463



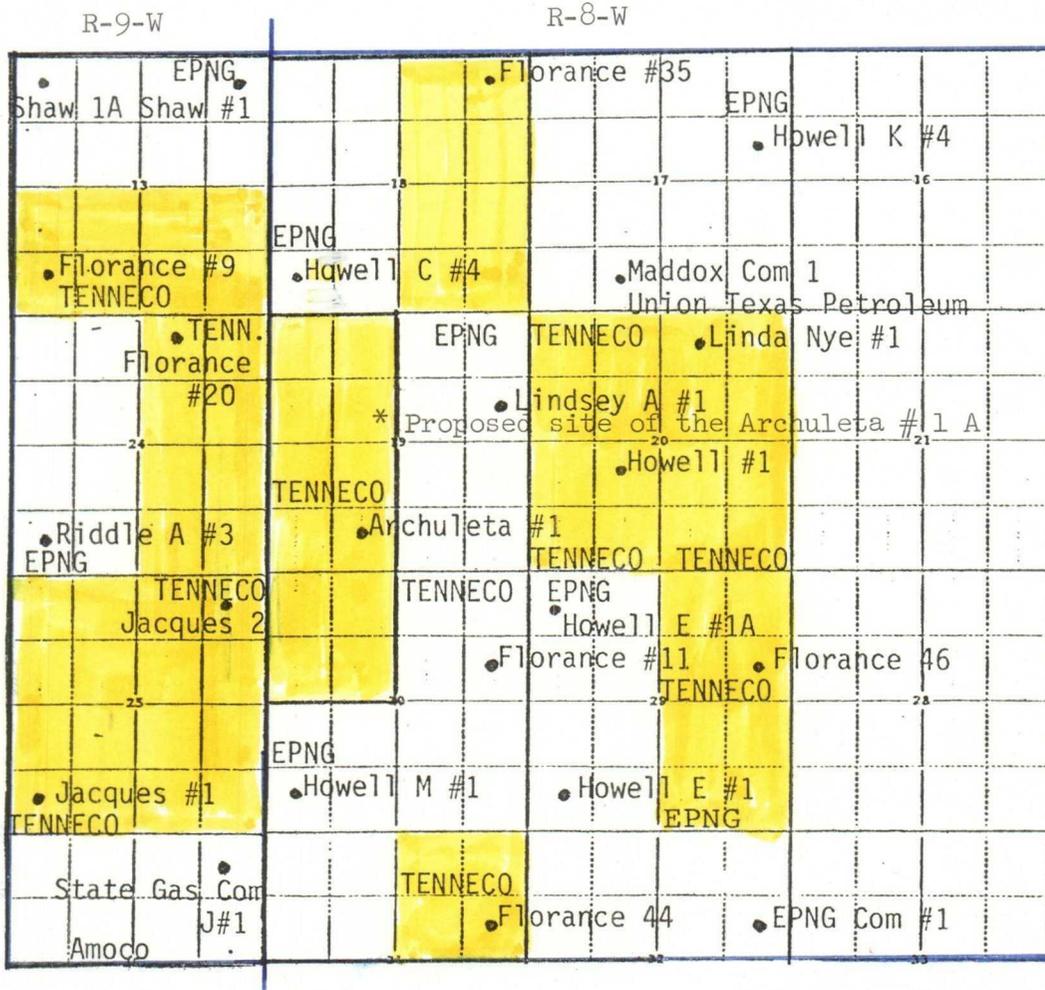
Offset Operators Well Locations

for

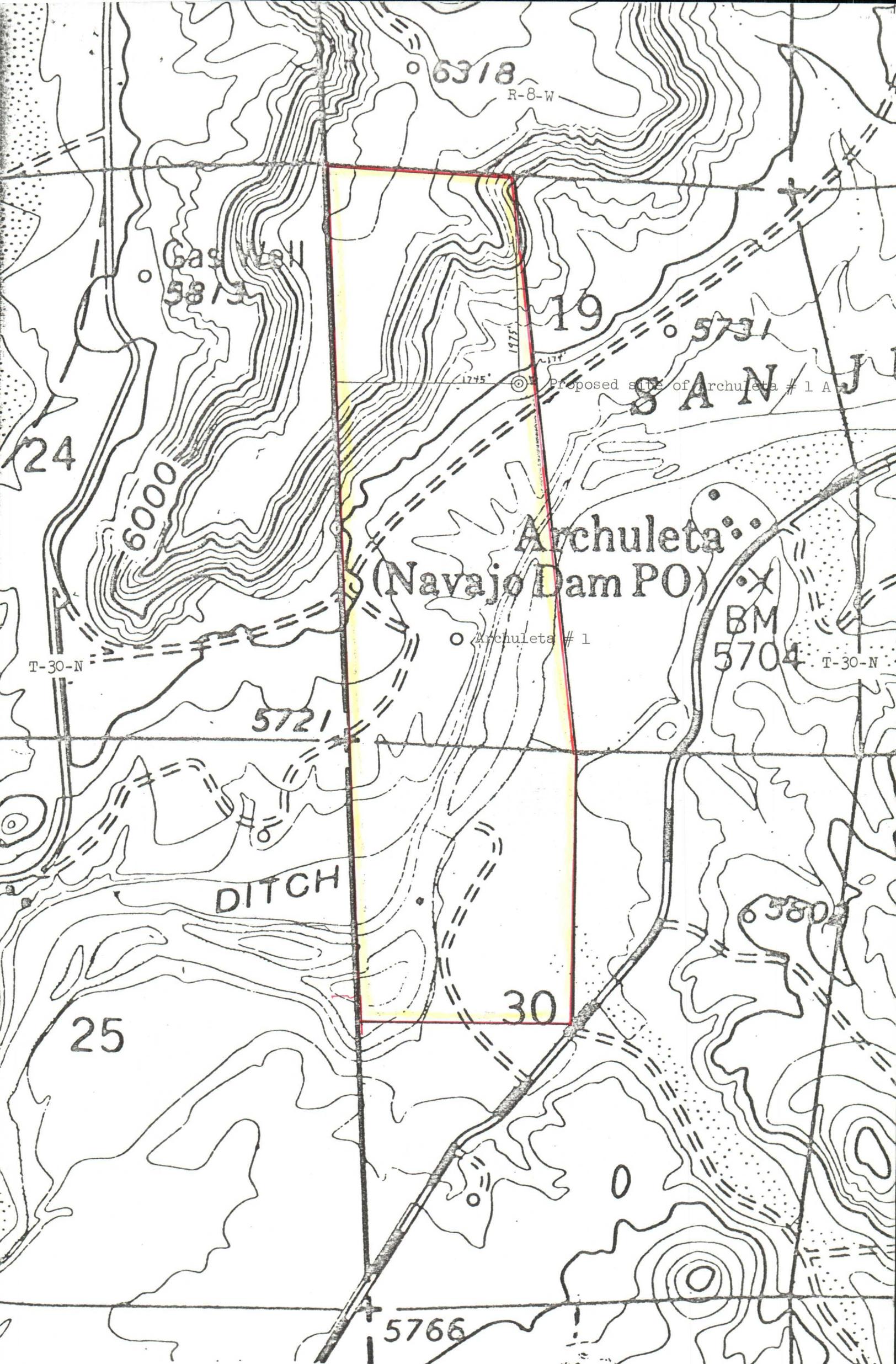
Archuleta # 1 A



Tenneco Acreage



T-30-N



scale 1" = + 1013.86'

Blownup Portion of a U.S.G.S. Quadrangle Map of Navajo Dam in San Juan County, New Mexico

**Tenneco Oil**  
A Tenneco Company

Suite 1200  
Lincoln Tower Building  
Denver, Colorado 80203  
(303) 292-9920



NM-1035

RECEIVED  
JUN 13 1977  
EL PASO NATURAL GAS COMPANY  
SANTA FE

May 24, 1977

State of New Mexico  
Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. James Kaptoina

Re: Amendment to NSL-830  
for the Archuleta No. 1A  
in San Juan County, New Mexico

Gentlemen:

We have moved the proposed site of this well due to an archeological request.

The new location of this well is 2,134' FNL and 1,641' FWL of Sec. 19, T30N, R8W. The location is still nonstandard but has been moved southeast which is closer to where a standard location would fall. Although the new site is not as suitable as the first site for our purposes, it has received archeological approval. We are attaching a new surveyor's plat for this well site. We have sent a copy of our amendment to all offset operators by registered mail with a request that they furnish your office with a waiver of objection to the new site.

We respectfully request your approval of this amendment to NSL-830.

Yours very truly,

TENNECO OIL COMPANY

D. D. Myers  
Division Production Manager

Letter of Waiver

El Paso Natural Gas Company hereby waives all objections to Tenneco's amendment application for an unorthodox location for their Archuleta No. 1A as proposed above.

by   
Representative  
Date: 6-8-77

Registered Mail  
Return Receipt Requested  
DDM:TFD:lw

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT

JUN 13 1977

All distances must be from the outer boundaries of the Section

Operator <b>TENNECO OIL COMPANY</b>			Lease <b>ARCHULETA</b>		Well No. <b>I-A</b>
Unit Letter <b>F</b>	Section <b>19</b>	Township <b>30 NORTH</b>	Range <b>8 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>2134</b> feet from the <b>NORTH</b> line and <b>1641</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>5747</b>	Producing Formation <b>Blanco Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>	Dedicated Average: <b>337.30</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. W/2 of Sec. 19  
NW/4 of Sec. 30
- 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?

(X) Yes ( ) No If answer is "yes," type of consolidation Communitization

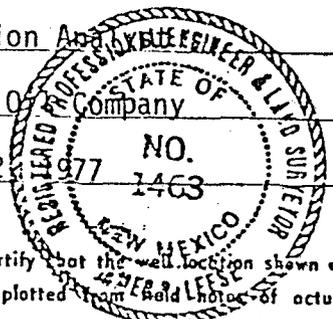
If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

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

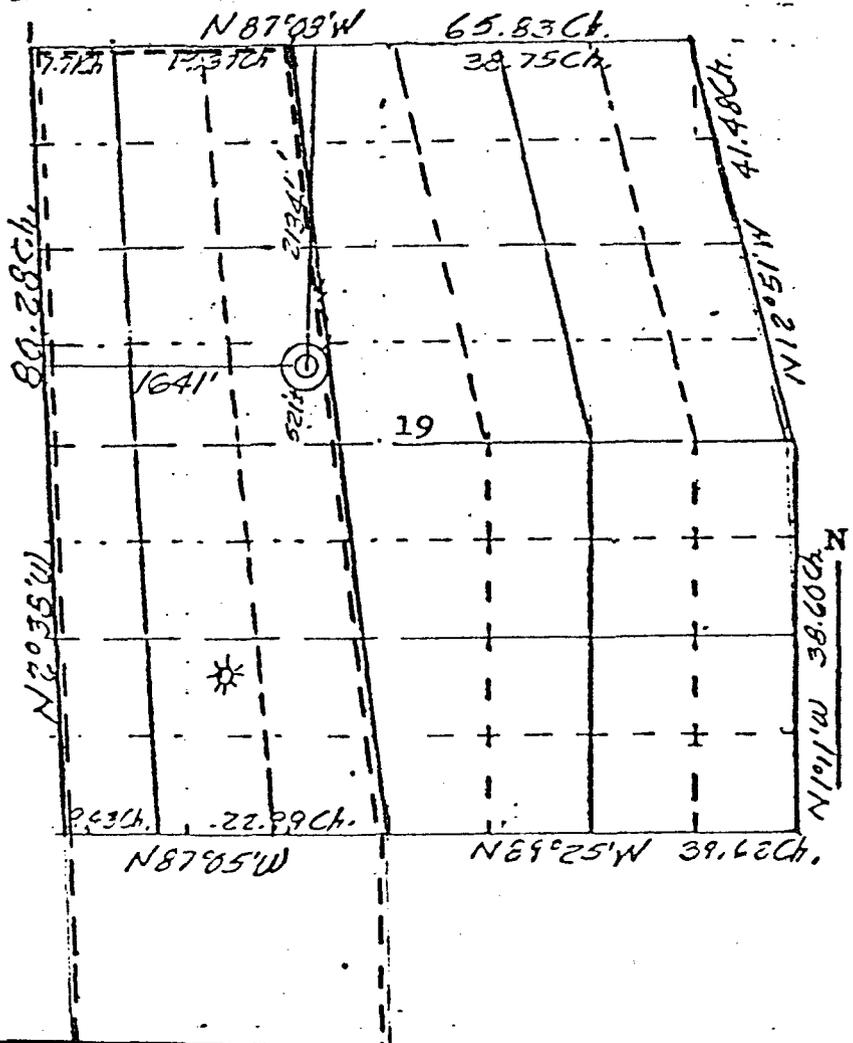
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Ted F. Drake  
 Position \_\_\_\_\_  
 Production Area \_\_\_\_\_  
 Company Tenneco Oil Company  
 Date April 12 1977

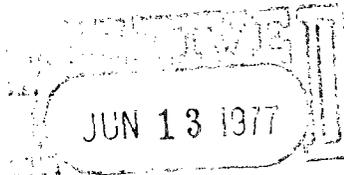


I hereby certify that the well location shown on this plat was plotted from actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

4 April, 1977  
 Date Surveyed  
James P. Leese  
 Registered Professional Engineer  
 and/or Land Surveyor  
**James P. Leese**  
**1463**  
 Certificate No.



**El Paso** NATURAL GAS  
COMPANY



CONSERVATION P. O. BOX 1492  
SANTA FE EL PASO, TEXAS 79978  
PHONE: 915-543-2600

June 9, 1977

Oil Conservation Commission  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. James Kaptoina

*NSL-830*  
Re: Amendment to ~~NSC-830~~  
for Archuleta #1 A  
San Juan County, New Mexico

Gentlemen:

As requested by Tenneco Oil Company in their letter dated  
May 24, 1977, we enclose our letter of waiver concerning the captioned  
amendment.

Yours very truly,

Derold Maney  
Landman  
Land Department  
Energy Resource Development

DM:is

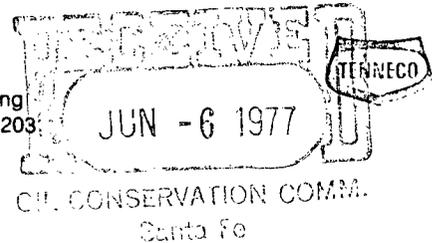
NM 1035

Enclosure

c: Tenneco Oil Company  
Suite 1200, Lincoln Tower Building  
1860 Lincoln Street  
Denver, Colorado 80203

**Tenneco Oil**  
A Tenneco Company

Suite 1200  
Lincoln Tower Building  
Denver, Colorado 80203  
(303) 292-9920



May 24, 1977

State of New Mexico  
Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. James Kaptoina

Re: Amendment to NSL-830  
for the Archuleta No. 1A  
in San Juan County, New Mexico

Gentlemen:

We have moved the proposed site of this well due to an archeological request.

The new location of this well is 2,134' FNL and 1,641' FWL of Sec. 19, T30N, R8W. The location is still nonstandard but has been moved southeast which is closer to where a standard location would fall. Although the new site is not as suitable as the first site for our purposes, it has received archeological approval. We are attaching a new surveyor's plat for this well site. We have sent a copy of our amendment to all offset operators by registered mail with a request that they furnish your office with a waiver of objection to the new site.

We respectfully request your approval of this amendment to NSL-830.

Yours very truly,

TENNECO OIL COMPANY

D. D. Myers  
Division Production Manager

Letter of Waiver

Union Oil Company OF CALIFORNIA hereby waives all objections to Tenneco's amendment application for an unorthodox location for their Archuleta No. 1A as proposed above.

by R. H. Massey  
Representative  
Date: June 3, 1977

Registered Mail  
Return Receipt Requested  
DDM:TFD:lw

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT

RECEIVED  
JUN - 6 1977  
OIL CONSERVATION COMM.

All distances must be from the outer boundaries of the Section

Operator <b>TENNECO OIL COMPANY</b>		Lease <b>ARCHULETA</b>			Well No. <b>11A</b>
Unit Letter <b>F</b>	Section <b>19</b>	Township <b>30 NORTH</b>	Range <b>8 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>2134</b> feet from the <b>NORTH</b> line and <b>1641</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>5747</b>	Producing Formation <b>Blanco Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>337.30</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. **W/2 of Sec. 19  
NW/4 of Sec. 30**
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?

(X) Yes ( ) No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.)

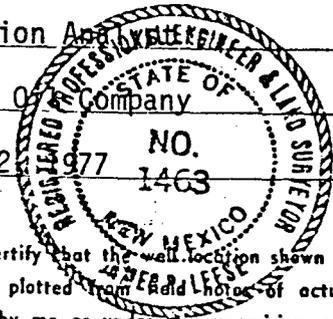
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

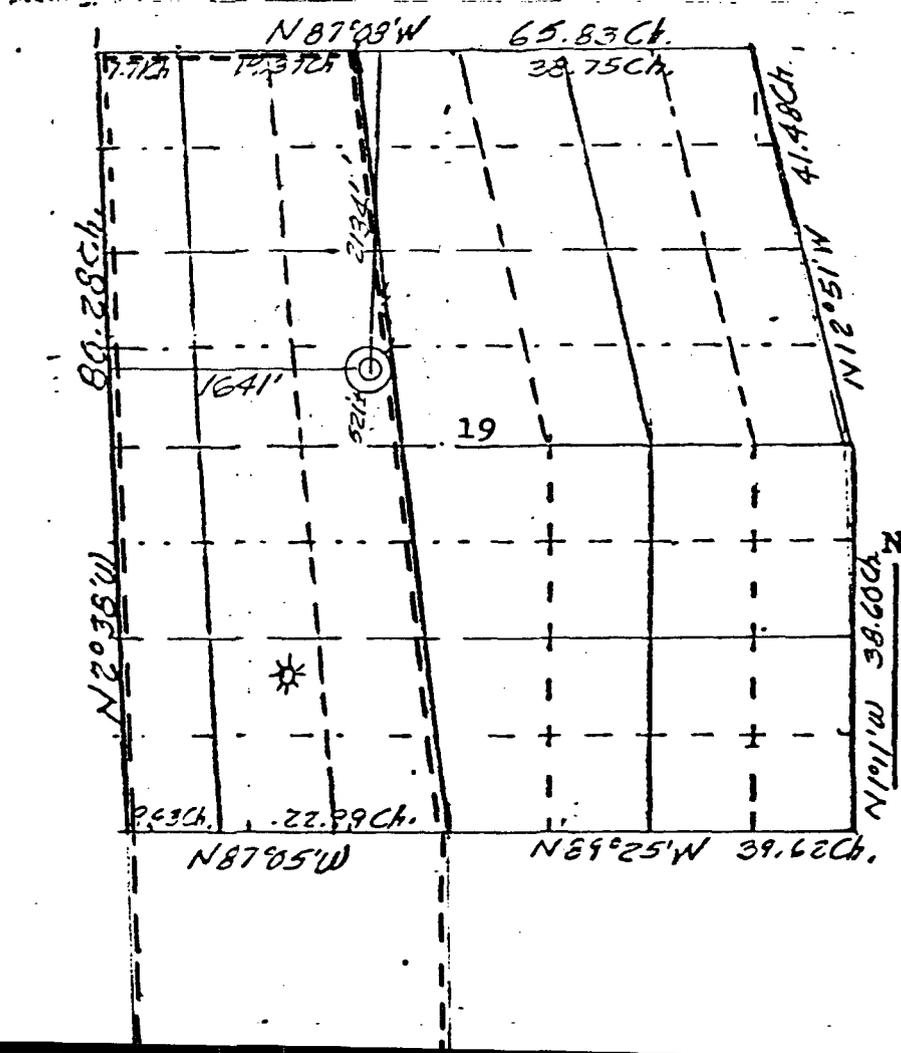
Name Ted J. Drake  
 Position \_\_\_\_\_  
 Production Area \_\_\_\_\_  
 Company Tenneco Oil Company  
 Date April 12, 1977

NO. 1463



I hereby certify that the well location shown on this plat was plotted from 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.

4 April, 1977  
 Date Surveyed  
James P. Leese  
 Registered Professional Engineer  
 and/or Land Surveyor  
**James P. Leese**  
**1463**  
 Certificate No.



**Tenneco Oil**  
A Tenneco Company

Suite 1200  
Lincoln Tower Building  
Denver, Colorado 80203  
(303) 292-9920



May 24, 1977

*Due June 13*

State of New Mexico  
Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. James Kaptoina

Re: Amendment to NSL-830  
for the Archuleta No. 1A  
in San Juan County, New Mexico

Gentlemen:

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We respectfully request your approval of this amendment to NSL-830.

Yours very truly,

TENNECO OIL COMPANY

D. D. Myers  
Division Production Manager

Letter of Waiver

\_\_\_\_\_ hereby waives all objections  
to Tenneco's amendment application for an unorthodox location for their  
Archuleta No. 1A as proposed above.

by \_\_\_\_\_  
Representative

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

Registered Mail  
Return Receipt Requested  
DDM:TFD:lw

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACERAGE DEDICATION PLAT**

JUN - 6 1977

All distances must be from the outer boundaries of the Section

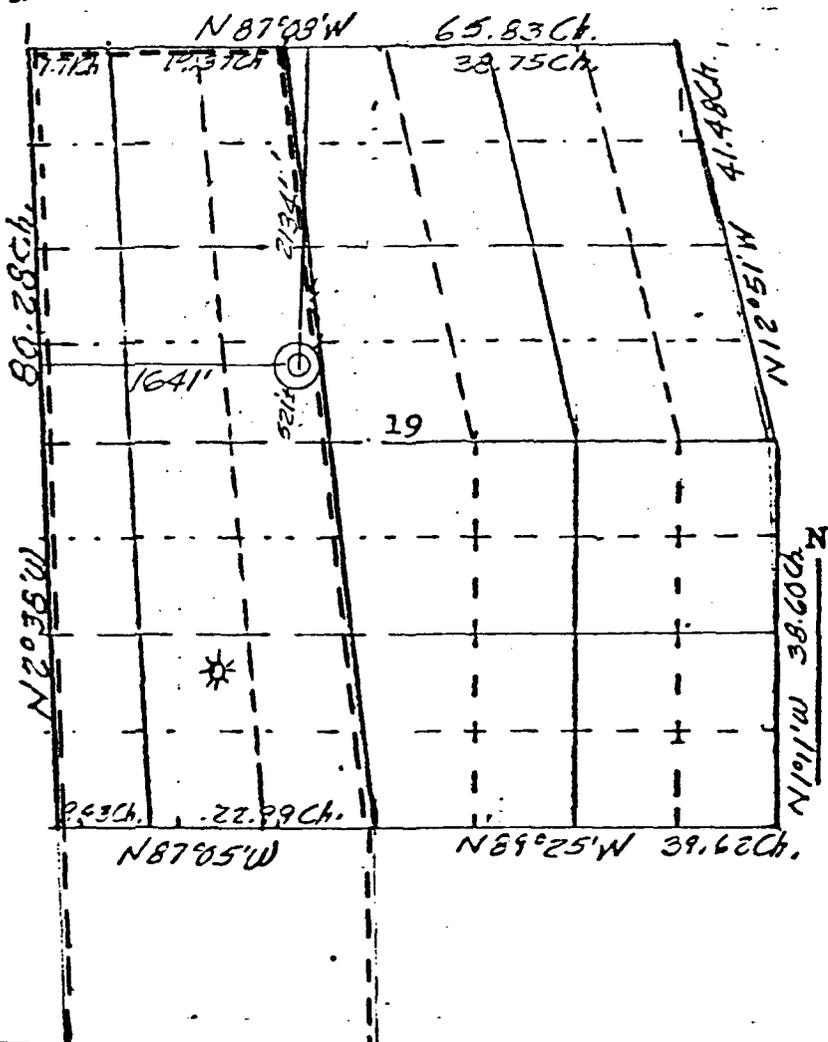
Operator <b>TENNECO OIL COMPANY</b>		Lease <b>ARCHULETA</b>			Well No. <b>1-A</b>
Unit Letter <b>F</b>	Section <b>19</b>	Township <b>30 NORTH</b>	Range <b>8 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>2134</b> feet from the <b>NORTH</b> line and <b>1641</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>5747</b>	Producing Formation <b>Blanco Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>337.30</b> Acres	

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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.

Name Ted F. Drake  
 Position \_\_\_\_\_  
 Production Area \_\_\_\_\_  
 Company Tenneco Oil Company  
 Date April 12 1977

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR  
 STATE OF NEW MEXICO  
 NO. 1463

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.

4 April, 1977  
 Date Surveyed \_\_\_\_\_  
James P. Leese  
 Registered Professional Engineer  
 and/or Land Surveyor  
**James P. Leese**  
**1463**  
 Certificate No. \_\_\_\_\_



NSL-620

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

February 18, 2004

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**BP America Production Company**  
P. O. Box 3092  
Houston, Texas 77253-3092

**Attention: Mary Corley**  
[corleym@bp.com](mailto:corleym@bp.com)

***Administrative Order NSL-1053-A***

Dear Ms. Corley:

Reference is made to the following: (i) your application submitted to the New Mexico Oil Conservation Division ("Division") on January 29, 2004 (*administrative application reference No. pLR0-402949228*); (ii) the Division's initial response by e-mail from Mr. Michael E. Stogner, Hearing Officer/Engineer with the Division in Santa Fe, requesting additional information; (iii) your reply to Mr. Stogner by e-mail on Friday, February 6, 2004; and (iv) the Division's records in Santa Fe and Aztec, including the files on Division Administrative Orders NSL-1053, NWU-352, and NSL-830, as amended, and Division Cases No. 236, 258, 300, 606 and 4032: all concerning BP America Production Company's ("BP") request for an exception to the well location requirements provided within the "*Special Rules for the Blanco-Mesaverde Pool*," as promulgated by Division Order No. R-10987-A, issued in Case No. 12069 and dated February 1, 1999, as amended by Division Order No. R-10987-A (1), dated December 2, 2002, for BP's existing Archuleta Well No. 2 (API No. 30-045-23607), to be redesignated the Archuleta Well No. 1-C, located 450 feet from the North line and 850 feet from the West line (Unit C) of Irregular Section 19, Township 30 North, Range 8 West, NMPM, Blanco-Mesaverde Pool (72319), San Juan County, New Mexico.

It is the Division's understanding that Tenneco Oil Company drilled the above-described Archuleta Well No. 2 to a total depth of 3,148 feet in 1979 and completed this well in the Blanco-Pictured Cliffs Pool (72359) at an unorthodox gas well location (approved by Division Administrative Order NSL-1053, dated July 9, 1979) within a non-standard 169.64-acre gas spacing unit comprising Lots 1, 2, and 8, the E/2 NW/4, and the NE/4 SW/4 of Irregular Section 19 (approved by Division Order No. R-3669, issued in Case No. 4032 on January 30, 1969).

It is further understood that BP now intends to recomplete the Archuleta Well No. 2 by plugging-off and abandoning the Pictured Cliffs interval, and deepening the wellbore down to the Mesaverde formation.

The Blanco-Mesaverde gas production from this well is to be included within an existing non-standard 342.54-acre stand-up gas spacing and proration unit ("GPU") comprising Lots 1, 2, 8, and 9 and the E/2 W/2 (W/2 equivalent) of Irregular Section 19 and Lots 2 and 6 and the E/2 NW/4 (NW/4 equivalent) of Irregular Section 30, both in Township 30 North, Range 8 West, NMPM, San Juan County, New Mexico [approved by: (i) Division Order No. R-35, issued in Case No. 236 on December 1, 1950; (ii) Division Order No. R-60, issued in Case No. 258 on March 21, 1951; (iii) Division Order No. R-120, issued in Case No. 300 on January 8, 1952; (iv) Division Order No. R-392, issued in Case No. 606 on November 24, 1953; and (v) Division Administrative Order NWU-352, dated April 20, 1960], which GPU is currently dedicated to BP's: (i)

Archuleta Well No. 1 (API No. 30-045-09279), located at a standard gas well location 1000 feet from the South line and 1080 feet from the West line (Unit N) of Irregular Section 19; (ii) Archuleta Well No. 1-A (API No. 30-045-22567), located at an unorthodox infill gas well location (approved by Division Administrative Order NSL-830, dated March 28, 1977, as amended by order dated June 13, 1977) 2134 feet from the North line and 1640 feet from the West line (Unit F) of Irregular Section 19; and (iii) Archuleta Well No. 1-B (API No. 30-045-29261), located at a standard infill gas well location 980 feet from the North line and 1230 feet from the West line (Unit C) of Irregular Section 30.

This application has been duly filed under the provisions of Division Rules 104.F and 605.B and the applicable rules governing the Blanco-Mesaverde Pool.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox Blanco-Mesaverde infill gas well location for the existing Archuleta Well No. 2 (API No. 30-045-23607), to be redesignated the Archuleta Well No. 1-C, is hereby approved. Further, all four of the aforementioned Archuleta Wells No. 1, 1-A, 1-B, and 1-C, and existing non-standard 342.54-acre GPU will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico and to the Blanco-Mesaverde Pool.

Furthermore, Division Administrative Order NSL-1053 and only the provisions that approved the aforementioned 169.64-acre non-standard Pictured Cliffs gas spacing unit on Page 4 in Division Order No. R-3669 in Case No. 4032 shall be placed in abeyance until further notice.

Sincerely,

  
Lori Wrotenbery  
Director

LW/mes

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
File: Division Administrative Order NSL-1053  
Division Administrative Order NWU-352  
Division Case No. 236  
Division Case No. 258  
Division Case No. 300  
Division Case No. 606  
Division Case No. 4032