

NSL - 1501  
Rule 104F  
4-10-82



BTA OIL PRODUCERS

104 SOUTH PECOS  
MIDLAND, TEXAS 79701-9988  
AC 915-682-3753

PARTNERS  
CARLTON BEAL  
CARLTON BEAL, JR.  
BARRY BEAL  
SPENCER BEAL  
KELLY BEAL

March 18, 1982

Re: Application for Administrative Approval of an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1500' FWL & 1980' FNL of Sec. 2, Twp. 23-S, Rge. 34-E,  
Lea County, New Mexico

STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

Please accept the attached application in lieu of the one submitted February 25, 1982. The amended location is 1500 feet from the West line and 1980 feet from the North line of the referenced section. The new spacing represents the only change in the previous application. The amended location is 190 feet East of the previous location and closer to the pipeline.

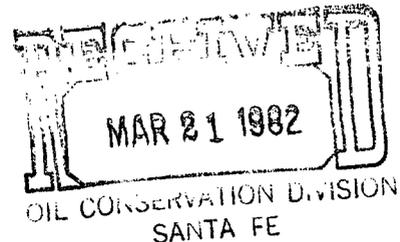
If you have any questions regarding this application, please contact me directly.

Sincerely,

BOB K. NEWLAND  
For BTA Oil Producers

BKN/dh

Attachments: Supporting Data





BTA OIL PRODUCERS

104 SOUTH PECOS  
MIDLAND, TEXAS 79701-9988  
AC 915-682-3753

PARTNERS  
CARLTON BEAL  
CARLTON BEAL, JR.  
BARRY BEAL  
SPENCER BEAL  
KELLY BEAL

February 25, 1982

Re: Application for Administrative Approval of an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp. 23-S, Rge. 34-E,  
Lea County, New Mexico

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STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

BTA Oil Producers (BTA) respectfully request administrative approval to drill the referenced well at an unorthodox location as provided for in Rule 104-F, paragraphs I and II, Order No. R-6870. The proposed location is necessary for two reasons, first of all, pipelines in the immediate area preclude locating the well 1980 feet from the West and North lines of Section 2. Secondly, BTA desires not to drill the well down dip which would be East of BTA's Antelope No. 1. Our reason for not drilling the well at a down dip location is that in the event of water encroachment, BTA would be unable to capture and produce the majority of reserves underlying the property West of the BTA Antelope No. 1.

All offset operators have been notified of the application by certified mail on February 25, 1982.

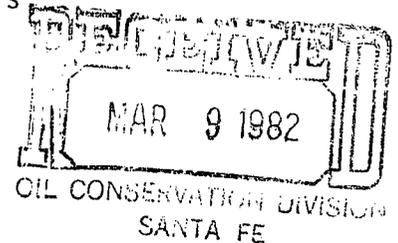
If you have any questions regarding this application, please contact me directly.

Sincerely,

BOB K. NEWLAND  
For BTA Oil Producers

BKN/dh

Attachments: Supporting Data





BTA OIL PRODUCERS

104 SOUTH PECOS

MIDLAND, TEXAS 79701-9988

AC 915-682-3753

PARTNERS  
CARLTON BEAL  
CARLTON BEAL, JR.  
BARRY BEAL  
SPENCER BEAL  
KELLY BEAL

February 25, 1982

Re: Application for Administrative Approval of an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp. 23-S, Rge. 34-E,  
Lea County, New Mexico

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DOW CHEMICAL  
1123 Wilco Bldg.  
Midland, Texas 79701

Gentlemen:

BTA Oil Producers (BTA) propose to drill the referenced well at an unorthodox location. This location is necessary for two reasons, first of all, pipelines in the immediate area preclude locating the well 1980 feet from the West and North lines of Section 2. Secondly, BTA desires not to drill the subject well down dip which would be East of BTA's Antelope No. 1. Our reason for not drilling the well at a down dip location is that in the event of water encroachment, BTA would be unable to capture and produce the majority of reserves underlying the property West of the BTA Antelope No. 1.

BTA solicits your waiver of objection to the proposed location. Should this application meet with your approval, please sign and return two copies of the attached waiver to BTA in the envelope enclosed.

Should you have any questions regarding the application, please contact me directly.

Sincerely,

A handwritten signature in cursive script that reads "Bob K. Newland".

BOB K. NEWLAND  
For BTA Oil Producers

BKN/dh

Attachments: NM Forms C-101 & C-102

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
L-5113

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
BTA OIL PRODUCERS

3. Address of Operator  
104 South Pecos Midland, Texas 79701

4. Location of Well UNIT LETTER 'E' LOCATED 1980 FEET FROM THE North LINE  
AND 1500 FEET FROM THE West LINE OF SEC. 2 TWP. 23-S RGE. 34-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
Antelope, 8006 JV-P

9. Well No.  
2

10. Field and Pool, or Wildcat  
Antelope Ridge (Morrow)

12. County  
Lea

19. Proposed Depth 13,550' 19A. Formation Morrow 20. Rotary or C.T. Rotary

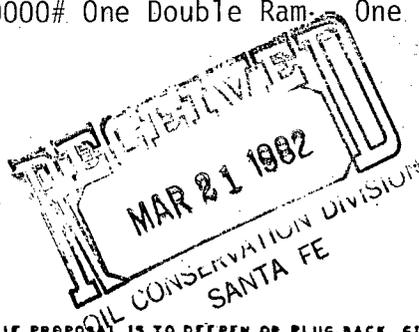
21. Elevations (Show whether D/F, K/I, etc.) 3886' GR 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor Parker Drlg Co. 22. Approx. Date Work will start June 1, 1982

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94#	1500'	3000	Circ.
17 1/2"	13-3/8"	68#	5000'	3000	Circ.
12 1/4"	9-5/8"	47 & 53.5#	11900'	5000	- -
Liner 8 1/2"	7-5/8"	39#	13550'	400	- -

13-3/8" BOP - 12" - 3000# Double Ram & Annular Hydraulic

9-5/8" BOP - 11" - 10000# One Double Ram - One Single Ram & Annular Hydraulic



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Bob K. Newland Title Regulatory Administrator Date 3/19/82  
(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

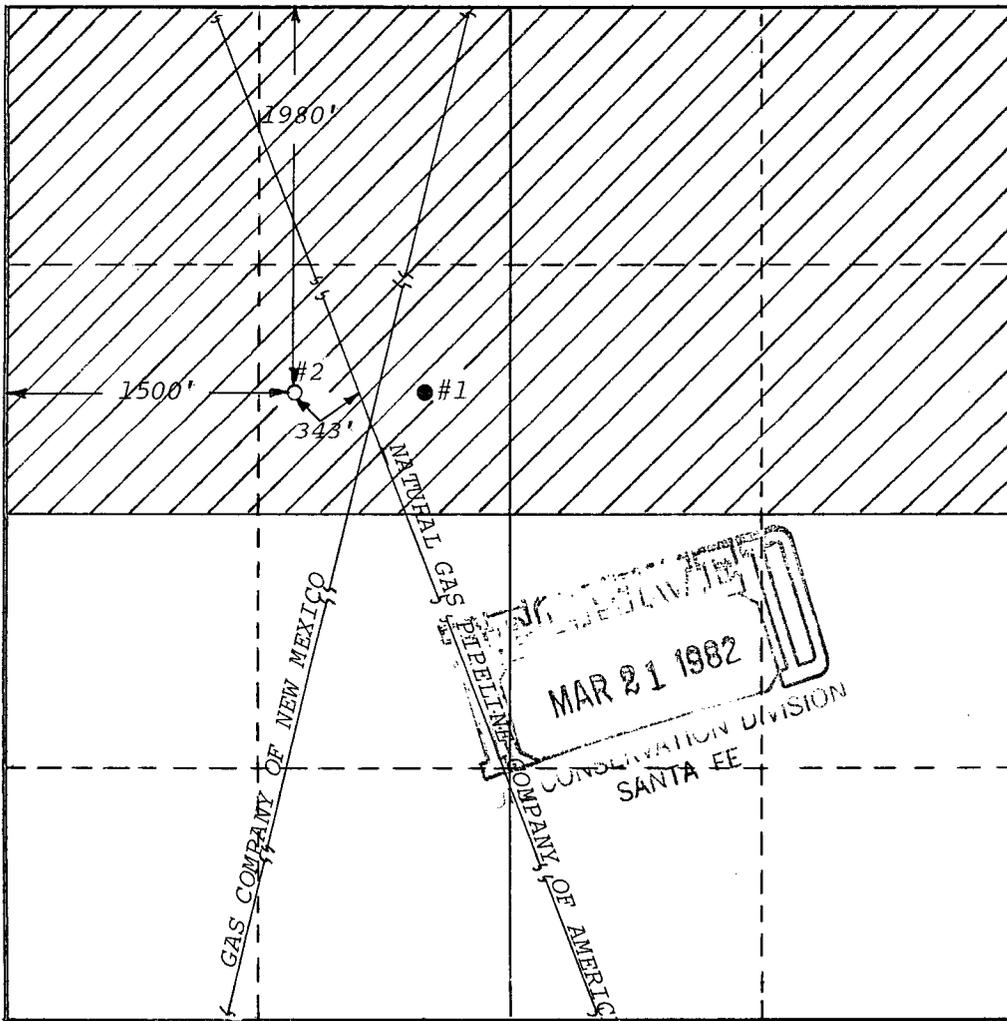
Operator <b>BTA OIL PRODUCERS</b>			Lease <b>8006 JV-P ANTELOPE</b>			Well No. <b>2</b>		
Unit Letter	Section <b>2</b>	Township <b>23-S</b>	Range <b>34-E</b>	County <b>LEA</b>				
Actual Footage Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>1500</b> feet from the <b>WEST</b> line								
Ground Level Elev. <b>3382'</b>	Producing Formation <b>Morrow</b>		Pool <b>Antelope Ridge (Morrow)</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 \_\_\_\_\_

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.*

*Bob K. Newland*

Name	<b>BOB K. NEWLAND</b>
Position	<b>Regulatory Administrator</b>
Company	<b>BTA OIL PRODUCERS</b>
Date	<b>March 19, 1982</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>MARCH 15, 1982</b>
Registered Professional Engineer and/or Land Surveyor	

*Gary D. Boswell*  
Certificate No.

6689





STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

March 10, 1982

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

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

BTA Oil Producers  
104 South Pecos  
Midland, Texas 79701-9988

Re: Application for Non-Standard  
Location: Antelope 8006JV-P  
Well No. 2, Sec. 2, T-23-S, R-34-E,  
Lea County, New Mexico

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:

Very truly yours

R. L. STAMETS  
Technical Support Chief

RLS/dr



**Amoco Production Company (USA)**

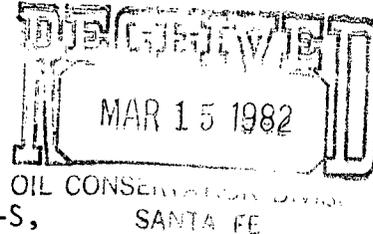
Houston Region-West  
500 Jefferson Building  
Post Office Box 3092  
Houston, Texas 77001

R. G. Smith  
Regional Engineering  
Manager-West

March 12, 1982

File: JCA-986.51NM-064

Re: Request for Waiver - Unorthodox Location  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp. 23-S,  
Rge. 34-E,  
Lea County, New Mexico



BTA Oil Producers  
104 South Pecos  
Midland, Texas 79701-9988

Gentlemen:

In reference to your letter of February 25, 1982 requesting a waiver for an unorthodox location 1310' FWL X 1980' FNL, Sec. 2, T-23-S, R-34-E, Lea County, New Mexico, for the Antelope 8006 JV-P Well No. 2, Amoco Production Company cannot grant such a request. Our examination of your plat indicates that topographical considerations do not require a move toward the west lease line to obtain an orthodox location. Amoco Production Company is opposed to crowding of our lease lines when alternative orthodox locations appear to be available.

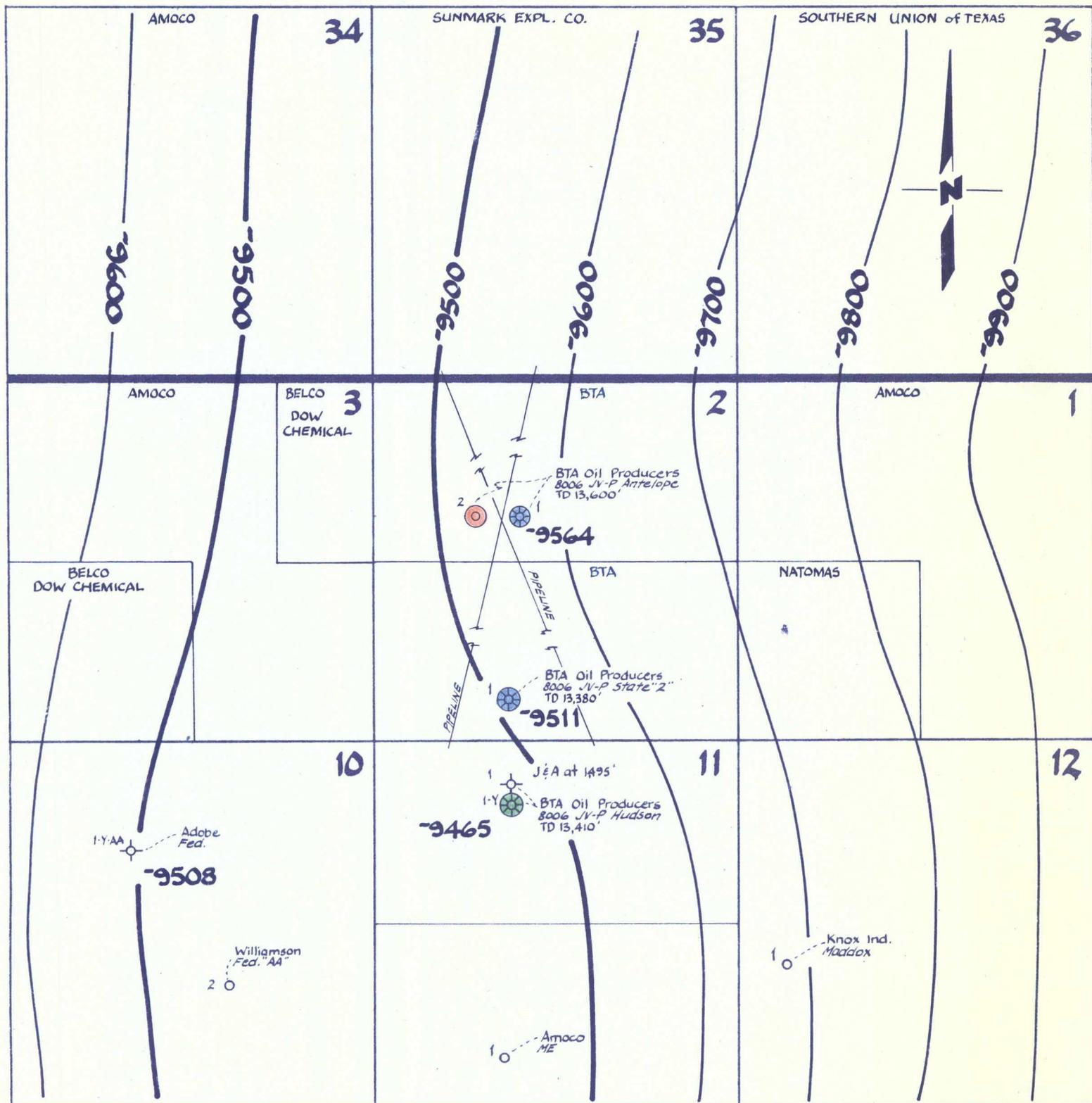
Yours very truly,

ORIGINAL SIGNED  
R. G. SMITH  
BY     aa    

AA/lrd

cc: State of New Mexico  
Department of Energy and Minerals  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

R-34-E



**LEGEND**

- PROPOSED DRILLSITE
- Atoka Gas Well
- Morrow Gas Well
- ⊕ Dry Hole
- Drilling Well or Location

**BTA OIL PRODUCERS  
8006 JV-P ANTELOPE N°2**

LEA CO., NEW MEXICO

**STRUCTURAL MAP  
TOP MORROW SHALE**

C.I. = 100'  
SCALE: 1" = 2000'

BY: VSS & MAW  
DATE: 3-18-82

February 25, 1982

Re: Waiver of Objection for an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp 23-S, Rge. 34-E,  
Lea County, New Mexico

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STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

I have been advised by BTA Oil Producers of their application to drill the referenced well at an unorthodox location. Please be advised that the undersigned hereby waives objection to the application.

Sincerely,

DOW CHEMICAL

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

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

February 25, 1982

Re: Waiver of Objection for an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp 23-S, Rge. 34-E,  
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Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

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Sincerely,

BELCO PETROLEUM COMPANY

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

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

February 25, 1982

Re: Waiver of Objection for an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp 23-S, Rge. 34-E,  
Lea County, New Mexico

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STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

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Sincerely,

NATOMAS NORTH AMERICA, INC.

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

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

February 25, 1982

Re: Waiver of Objection for an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp 23-S, Rge. 34-E,  
Lea County, New Mexico

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STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

I have been advised by BTA Oil Producers of their application to drill the referenced well at an unorthodox location. Please be advised that the undersigned hereby waives objection to the application.

Sincerely,

SOUTHERN UNION EXPLORATION OF TEXAS

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

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

February 25, 1982

Re: Waiver of Objection for an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp 23-S, Rge. 34-E,  
Lea County, New Mexico

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STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

I have been advised by BTA Oil Producers of their application to drill the referenced well at an unorthodox location. Please be advised that the undersigned hereby waives objection to the application.

Sincerely,

SUNMARK EXPLORATION COMPANY

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

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

February 25, 1982

Re: Waiver of Objection for an Unorthodox Location;  
Antelope, 8006 JV-P, Well No. 2  
Antelope Ridge (Morrow) Field  
1310' FWL & 1980' FNL of Sec. 2, Twp 23-S, Rge. 34-E,  
Lea County, New Mexico

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STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY AND MINERALS  
Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

I have been advised by BTA Oil Producers of their application to drill the referenced well at an unorthodox location. Please be advised that the undersigned hereby waives objection to the application.

Sincerely,

AMOCO PRODUCTION COMPANY

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

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