



OIL CONSERVATION DIVISION

BTA OIL PRODUCERS RECEIVED

ROCKY MOUNTAIN DIVISION

MIDLAND PARTNERS

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

104 SOUTH PECOS

MIDLAND, TEXAS 79701

AC 915-682-3753

June 3, 1992

555-17TH STREET

SUITE 835

DENVER, CO 80202

AC 303-292-9299

DENVER PARTNER
BARRY BEAL, JR.

RE: Application for Unorthodox Location
Antelope Ridge, Morrow
Hudson State, 8016 JV-P, Well No. 2,
1980' FNL & 990' FWL
Sec. 11, T23S, R34E
Lea County, N.M.

STATE OF NEW MEXICO
Energy & Minerals Department
P. O. Box 2088
Santa Fe, NM 87504-2088

Attn: Mr. Michael Stogner

Gentlemen:

BTA hereby requests administrative approval to drill at the above referenced unorthodox location since, in our opinion, the Lower Morrow sands will be much better developed here than at a standard location.

We are currently producing our 8016 JV-P Hudson State #1-Y from the Atoka formation on the same 320 acre proration unit as our proposed well. The Hudson State #1-Y did initially produce from the Lower Morrow and made about 2.5 BCF before this zone was abandoned. Based on our experience in the area, we think it is possible to find correlative sands which are not in communication with offset wells. Therefore, we expect to have a chance to encounter some sands in the Lower Morrow with very close to virgin bottom hole pressures.

Enclosed is a Lower Morrow Isopach Map of porosity greater than 6%. It can be seen from this map that the proposed well should find much thicker Lower Morrow sands than that which produced in the Hudson State #1-Y. This interpretation, coupled with the possibility of encountering near virgin reservoir pressure, necessitates this request for an unorthodox location for the Hudson State #2. Approval of this location will allow us to produce reserves which would otherwise be left behind, thus preventing waste.

All offset operators and mineral owners have been notified of our application by certified mail. Please advise should further information be required to grant this application.

Sincerely,

DOROTHY HOUGHTON

For BTA Oil Producers

DH/pdi

Attachments

xc: OCD - Hobbs

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

LG-1025

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

BTA Oil Producers

3. Address of Operator

104 S. Pecos, Midland, TX 79701

7. Lease Name or Unit Agreement Name

Hudson State, 8016 JV-P

8. Well No.

2

9. Pool name or Wildcat

Antelope Ridge, Morrow

4. Well Location

Unit Letter E : 1980 Feet From The North Line and 990 Feet From The West Line

Section 11 Township 23S Range 34E NMPM Lea County

10. Proposed Depth

13450

11. Formation

Morrow

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3366' GR 3380' RT

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

Upon Approval

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2	13-3/8	68	2000	2000	Surface
12-1/4	9-5/8	40	5300	2500	Surface
8-3/4	7	29	11800	2100	Surface w/stage tool @ 6500
6-1/8	5" liner	18	13450	250	

4. Unorthodox Location Application

Attached BOP Sketch - 10,000 psi

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.

SIGNATURE Dorothy Houghton TITLE Regulatory Administrator DATE 6-3-92

TYPE OR PRINT NAME Dorothy Houghton

TELEPHONE NO. 915-682-3753

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BTA OIL PRODUCERS		Lease 8016 JV-P HUDSON STATE		Well No. 2
Unit Letter "E"	Section 11	Township -23-S	Range -34-E	County LEA
Actual Footage Location of Well: 1980 feet from the NORTH line and 990 feet from the WEST line				
Ground level Elev. 3366	Producing Formation MORROW		Pool ANTELOPE RIDGE	Dedicated Acreage: 320 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes
 ☐ No

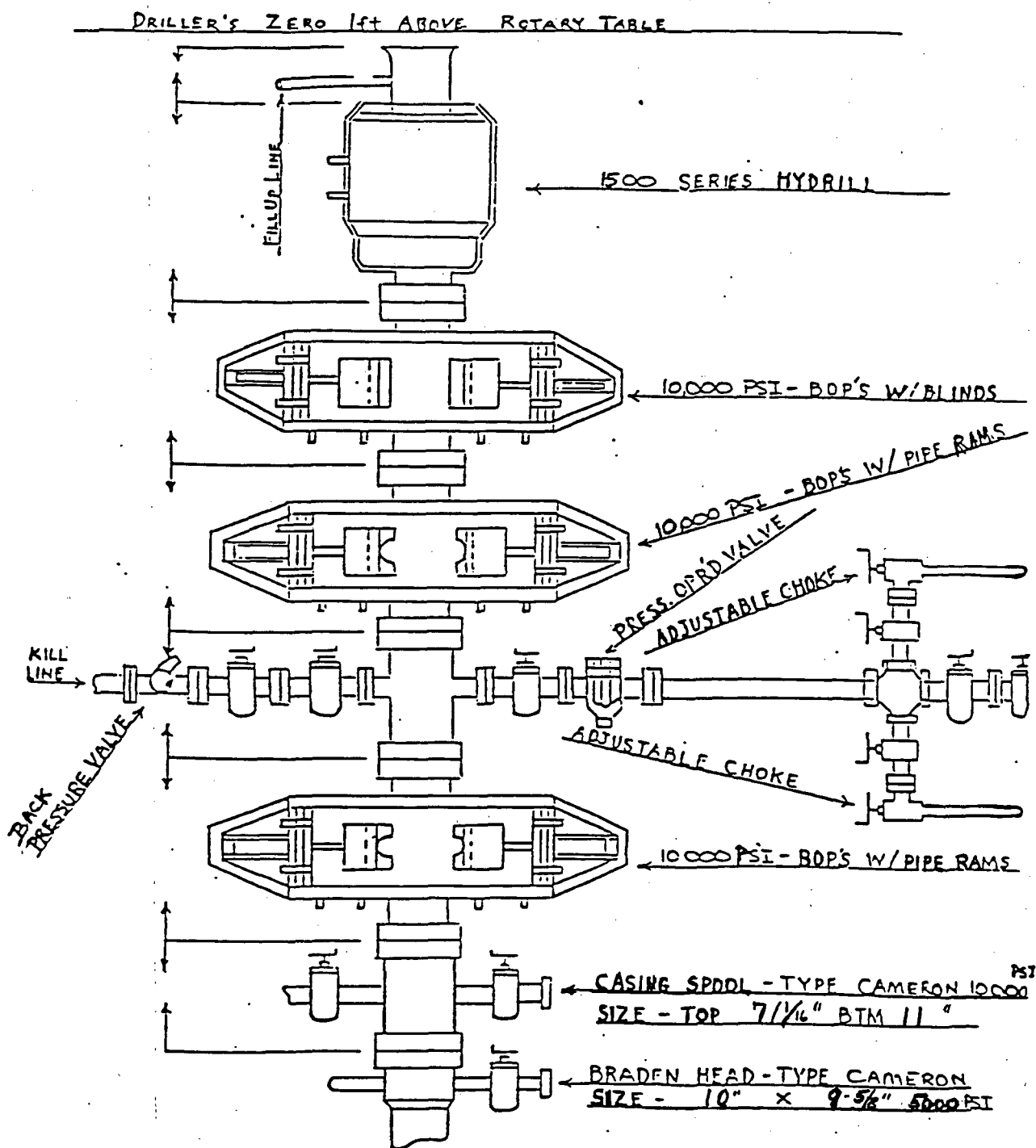
If answer is "yes" type of consolidation Communitization

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 interest, has been approved by the Division.

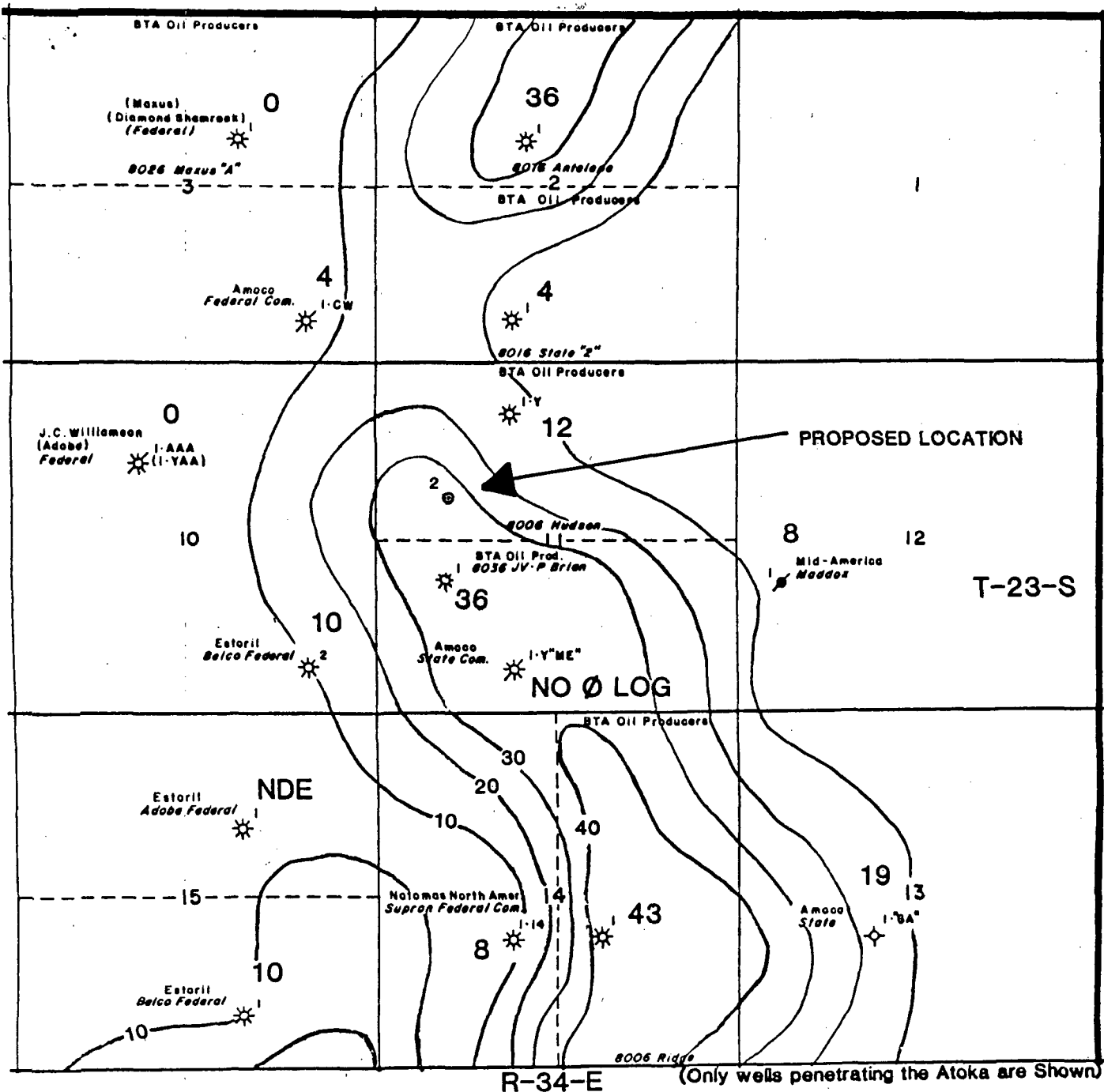
OPERATOR CERTIFICATION
 I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief.
 Signature: *Dorothy Houghton*
 Printed Name: Dorothy Houghton
 Position: Regulatory Administrator
 Company: BTA Oil Producers
 Date: 6-3-92

SURVEYOR CERTIFICATION
 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: JUNE 3, 1992
 Signature & Seal of Professional Surveyor: *Max A. Schumann, Jr.*
 MAX A. SCHUMANN, JR.
 Certificate No. 1510



BOP Hook Up AFTER SETTING SURFACE (9 5/8") + INTERMEDIATE (7")
STRINGS. ALL CONNECTIONS FROM THE SPOOL UP WILL BE TESTED TO 10,000

BTA Oil Producers
8016 JV-P Hudson-State
Well #2
990' FWL & 1,980' FNL
Section 11, T-23-S, R-34-E
Lea County, New Mexico
Antelope Ridge (Morrow)



8016 JV-P HUDSON STATE NO. 2 ANTELOPE RIDGE (MORROW) FIELD LEA CO., N.M.

ISOPACH OF LOWER
 MORROW SAND WITH $\phi > 6\%$

CONTOUR INTERVAL: 10'

SCALE: 1" = 2000'

KEL/CAP 6/3/92

Offset Operators and/or
Mineral Owners

Hudson State, 8016 JV-P
Well No. 2
N/2, Sec. 11, T23S, R34E
Lea County, N.M.

SE/4 Section 3

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253

W/2, SW/4 Section 1

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

NW/4, NW4, Section 12

TIPCO Corporation
6525 N. Meridian, No. 102
Oklahoma City, Oklahoma 73116

Anderson Carter II, et al
P. O. Box 998
Las Cruces, New Mexico 88004

SW/4, NW/4 Section 12

William B. Owen
116 W. First Street
Roswell, New Mexico 88201

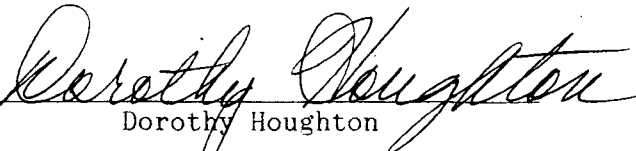
NW/4, SW/4 Section 12

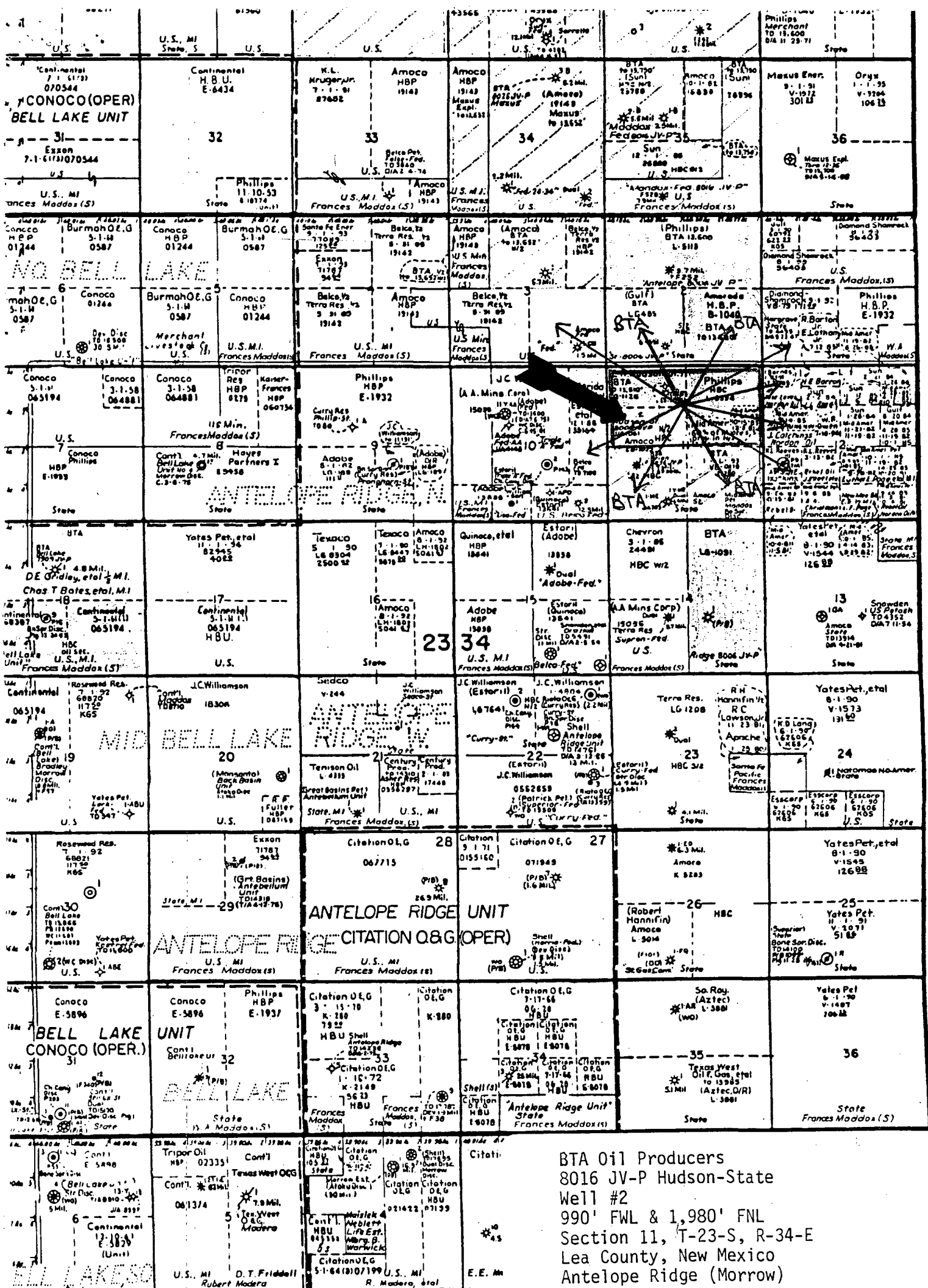
Trustees of Jal NM Public Library Fund
P. O. Box 178
Jal, New Mexico 88252

E/2, NE4, NE4, SE4 Section 10

Estoril Production Corporation
400 W. Illinois, Suite 1600
Midland, Texas 79701

I hereby certify the above listed operators and mineral owners were notified of our application by certified mail on June 3, 1992.


Dorothy Houghton



BTA Oil Producers
8016 JV-P Hudson-State
Well #2
990' FWL & 1,980' FNL
Section 11, T-23-S, R-34-E
Lea County, New Mexico
Antelope Ridge (Morrow)



OIL CONSERVATION DIVISION

RECEIVED

ROCKY MOUNTAIN DIVISION

555-17TH STREET

SUITE 835

DENVER, CO 80202

AC 303-292-9299

BTA OIL PRODUCERS

104 SOUTH PECOS

MIDLAND, TEXAS 79701

AC 915-682-3753

'92 JUN 15 AM 8:55

MIDLAND PARTNERS

CARLTON BEAL

CARLTON BEAL, JR.

BARRY BEAL

SPENCER BEAL

KELLY BEAL

DENVER PARTNER

BARRY BEAL, JR.

June 11, 1992

RE: Application for Unorthodox Location
Antelope Ridge, Morrow
Hudson State, 8016 JV-P, Well No. 2
1980' FNL & 990' FWL
Sec. 11, T23S, R34E
Lea County, N.M.

STATE OF NEW MEXICO
Energy & Minerals Department
P. O. Box 2088
Santa Fe, NM 87504-2088

Attn: Mr. Michael Stogner

Michael,

Attached please find copies of Form 3811 notifications to complete the above referenced application.

Should you require further information to grant approval of this location, please advise.

Sincerely,

DOROTHY HOUGHTON
For BTA Oil Producers

DH/pdi

Attachments

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☒ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Estoril Production Corporation
400 W. Illinois, Suite 1600
Midland, Texas 79701

4a. Article Number

P 377 879 429

4b. Service Type

☒ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

6-4-92

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

[Signature]

PS Form 3811, November 1990 *U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT

- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

William B. Owen
116 W. First Street
Roswell, New Mexico 88201

4a. Article Number

P 377 879 427

4b. Service Type

☐ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

6-4-92

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

[Signature]

PS Form 3811, November 1990 *U.S. GPO: 1991-287-066

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- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Trustees of Jal NM Public Library F
P. O. Box 178
Jal, New Mexico 88252

4a. Article Number

P 377 879 428

4b. Service Type

☐ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

6-5-92

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

[Signature]

PS Form 3811, November 1990 *U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
 2. ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

Anderson Carter II, et al
P. O. Box 998
Las Cruces, New Mexico 88004

4a. Article Number

P 377 879426

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

JUN - 5 1992

5. Signature (Addressee)**6. Signature (Agent)****8. Addressee's Address (Only if requested and fee is paid)**

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT

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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

1. ☐ Addressee's Address
 2. ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

4a. Article Number

P 377 879424

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery**5. Signature (Addressee)****6. Signature (Agent)****8. Addressee's Address (Only if requested and fee is paid)**

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT

- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

2. ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253

4a. Article Number

P 377 879423

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

JUN 8 - 1992

5. Signature (Addressee)**6. Signature (Agent)****8. Addressee's Address (Only if requested and fee is paid)**

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT**3. Article Addressed to:**

TIPCO Corporation
6525 N. Meridian, No. 102
Oklahoma City, Oklahoma 73116

4a. Article Number

P 377 879425

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery**5. Signature (Addressee)****6. Signature (Agent)****8. Addressee's Address (Only if requested and fee is paid)**

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

6-4-92

RECEIVED
JUN 11 AM 9 06
BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL X _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

BTA oil Producers Hudson State 8016 JV-P #2-E 11-23-34
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed