



OIL CONSERVATION DIVISION

BTA OIL PRODUCERS RECEIVED

ROCKY MOUNTAIN DIVISION

MIDLAND PARTNERS

CARLTON BEAL

CARLTON BEAL, JR.

BARRY BEAL

SPENCER BEAL

KELLY BEAL

DENVER PARTNER

BARRY BEAL, JR.

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

SEP 23 PM 9 08

555-17TH STREET  
SUITE 835  
DENVER, CO 80202  
AC 303-292-9299

September 20, 1992

RE: Application for Unorthodox Location  
Antelope Ridge, Morrow  
State "2", 8016 JV-P, Well No. 2  
1980' FSL & 990' FWL  
Sec. 2, T23S, R34E  
Lea County, New Mexico

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

Attn: Mr. Michael Stogner

Dear Mr. Stogner:

BTA hereby requests administrative approval to drill at the above referenced unorthodox location.

In our opinion, the Lower Morrow sands will be much better developed at this location than at a standard location. We are currently producing our 8016 JV-P State "2" #1 from the Atoka formation on the same 320 acre proration unit as our proposed well. 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 sands in the Lower Morrow with very close to virgin bottom hole pressures.

We are enclosing 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 was found in the State "2" #1. This interpretation, coupled with the possibility of encountering near virgin reservoir pressure, necessitates this request for an unorthodox location for the State "2" #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, as shown on the enclosed county map and listing, have been notified of our application by certified mail. Please advise should further information be required to grant this application.

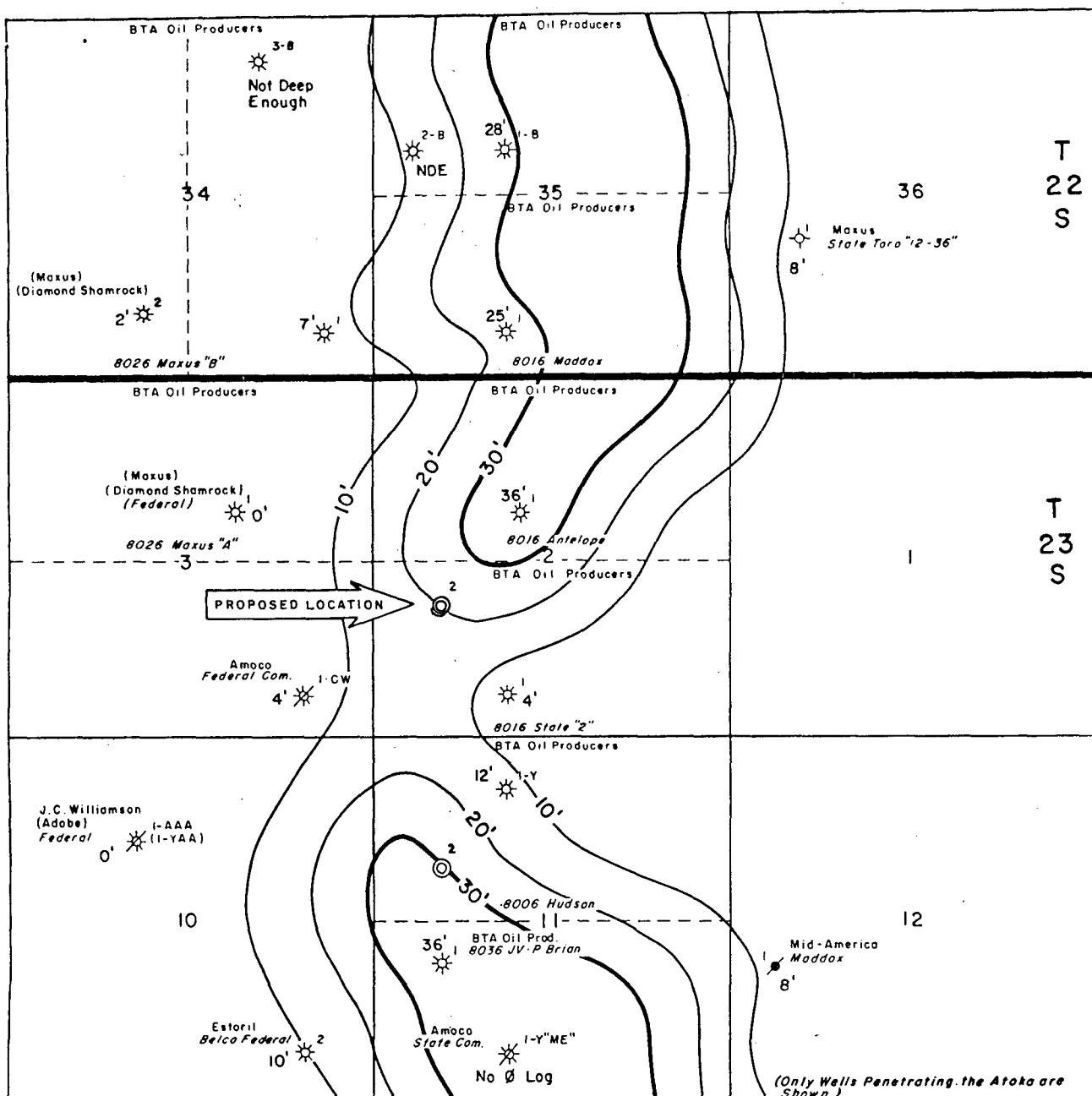
Sincerely,

DOROTHY HOUGHTON  
For BTA Oil Producers

DH/pdi

Attachments

xc: OCD - Hobbs



BTA Oil Producers  
**8016 JV-P STATE "2" No. 2**  
 Antelope Ridge (Morrow) Field

Lea Co., New Mexico

ISOPACH OF LOWER MORROW SAND WITH POROSITY >6%

CONTOUR INTERVAL: 10'

Scale: 1"=2000'

Date: 9/15/92

By: K.E.L./C.A.P.

Drafted By: E.M.W.

Offset Operators and/or  
Mineral Owners

State -2-, 8016 JV-P  
Well No. 2  
S/2, Sec. 2, T23S, R34E  
Lea County, New Mexico

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

SW/4, NW4 Section 1

Maxus Exploration Company  
P. O. Box 400  
Amarillo, Texas 79188-0001

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

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 September 21, 1992.

  
Dorothy Houghton

[illegible]

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

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

OIL CONSERVATION DIVISION  
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 485

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

8. Well No.

2

3. Address of Operator

104 S. Pecos, Midland, TX 79701

9. Pool name or Wildcat

Antelope Ridge, Morrow

4. Well Location

Unit Letter L : 1980 Feet From The South Line and 990 Feet From The West Line

Section 2 Township 23S Range 34E NMPM Lea County

10. Proposed Depth

13,500

11. Formation

Morrow

12. Rotary or C.T.

Rotary

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

3382' GR

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/stag
6-1/8	5" Liner	18	13500	250	too! @ 6500'

4. Unorthodox Location application

Attached BOP sketch - 10000 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 9-21-92

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

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

DISTRICT I

P.O. Box 1880, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

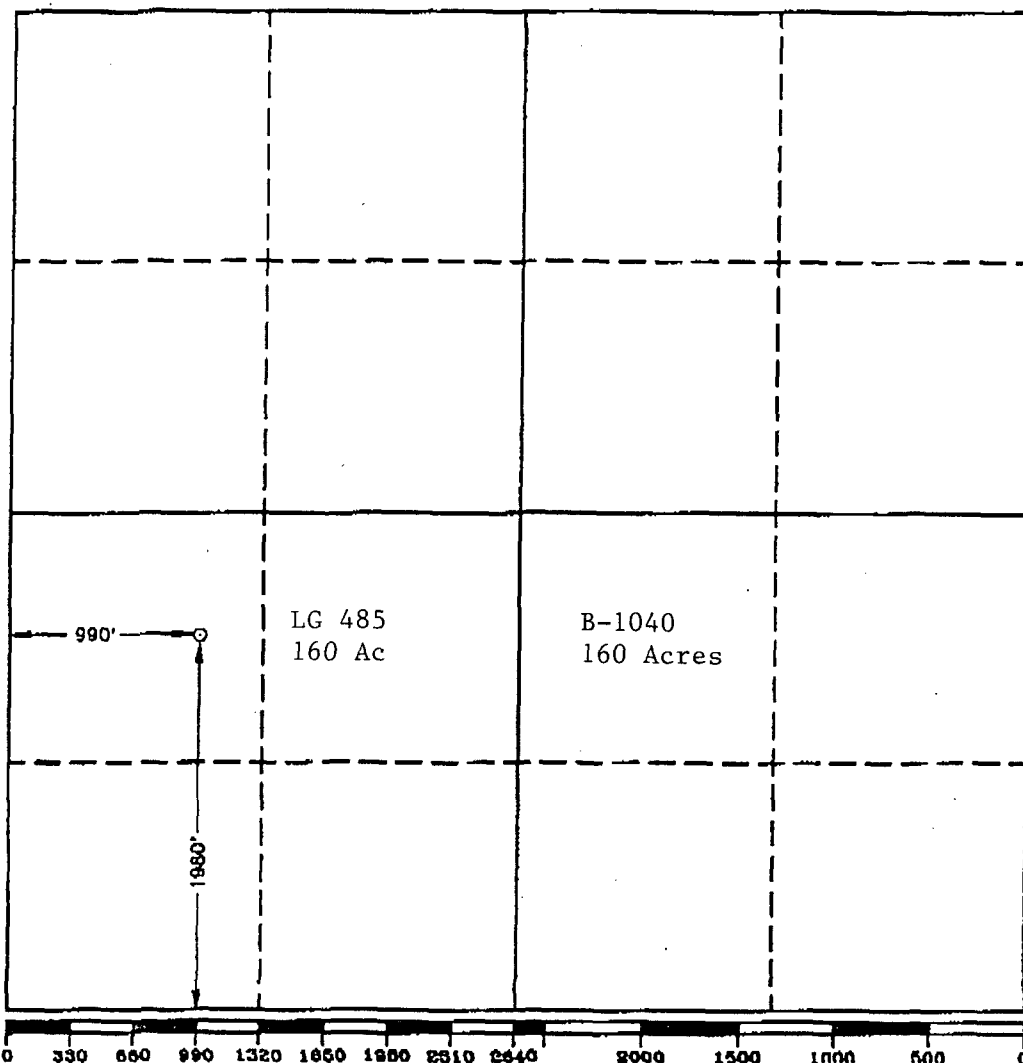
All Distances must be from the outer boundaries of the section

Operator BTA OIL PRODUCERS		Lease 8016 JV-P STATE 2		Well No. 2
Unit Letter L	Section 2	Township 23 SOUTH	Range 34 EAST NMPM	County LEA
Actual Footage Location of Well: 1980 feet from the SOUTH line and 990 feet from the WEST line				
Ground Level Elev. 3382.4'	Producing Formation Morrow	Pool Antelope Ridge	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

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



OPERATOR CERTIFICATION

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

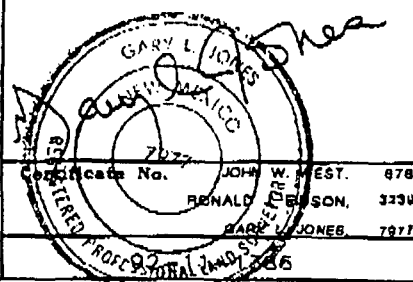
Signature  
*Dorothy Houghton*  
Printed Name  
Dorothy Houghton  
Position  
Regulatory Administrator  
Company  
BTA Oil Producers  
Date  
9-21-92

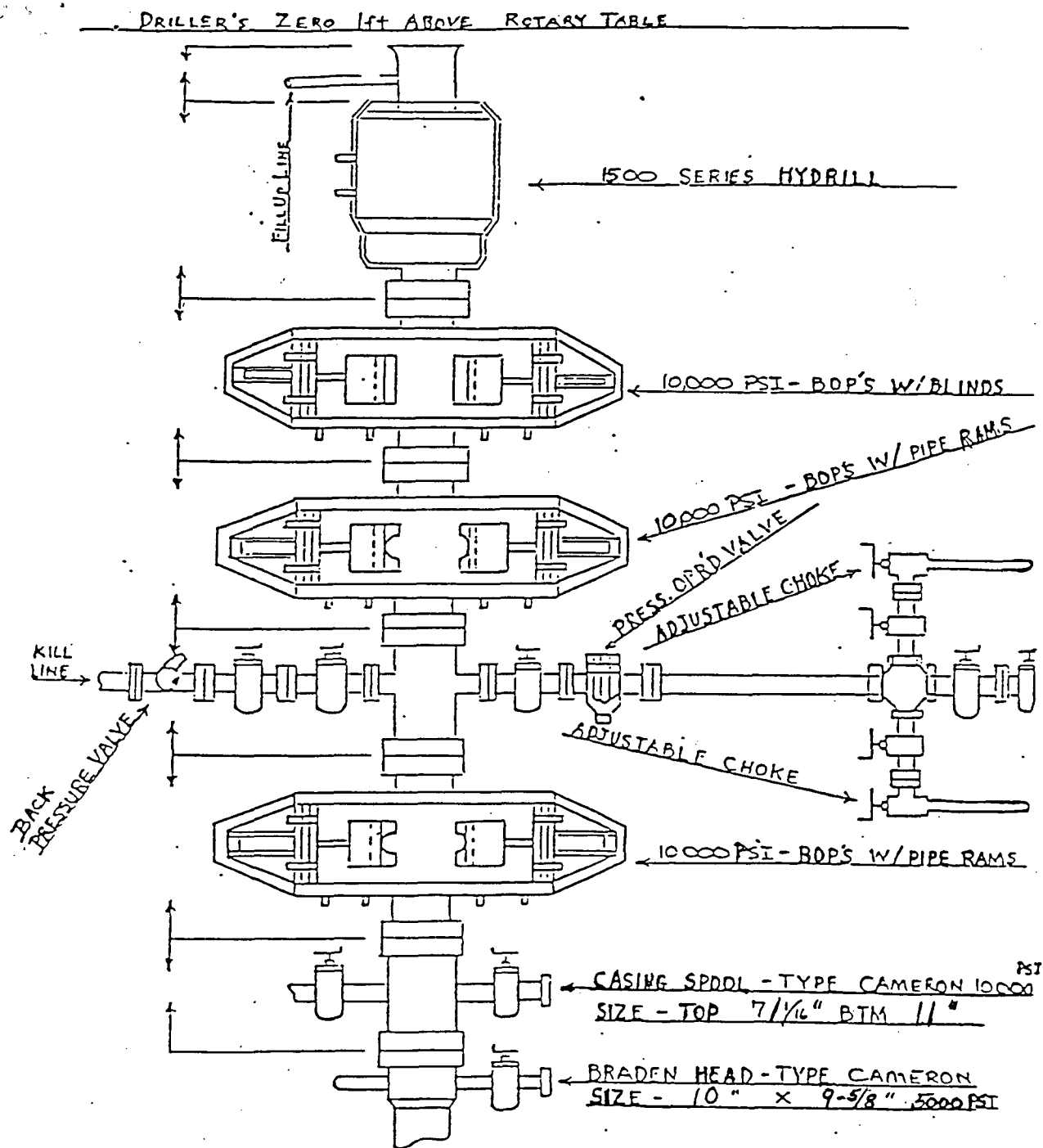
SURVEYOR CERTIFICATION

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  
SEPTEMBER 18, 1992

Signature & Seal of  
Professional Surveyor





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 State "2"  
Well #2  
1980' FSL & 990' FWL  
Section 2, T-23-S, R-34-E  
Lea County, New Mexico  
Antelope Ridge (Morrow)



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION  
RECEIVED

'92 SEP 24 PM 9 09

9-23-92

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 State 2 8016 JV-P Com #2-L 2-23-34  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

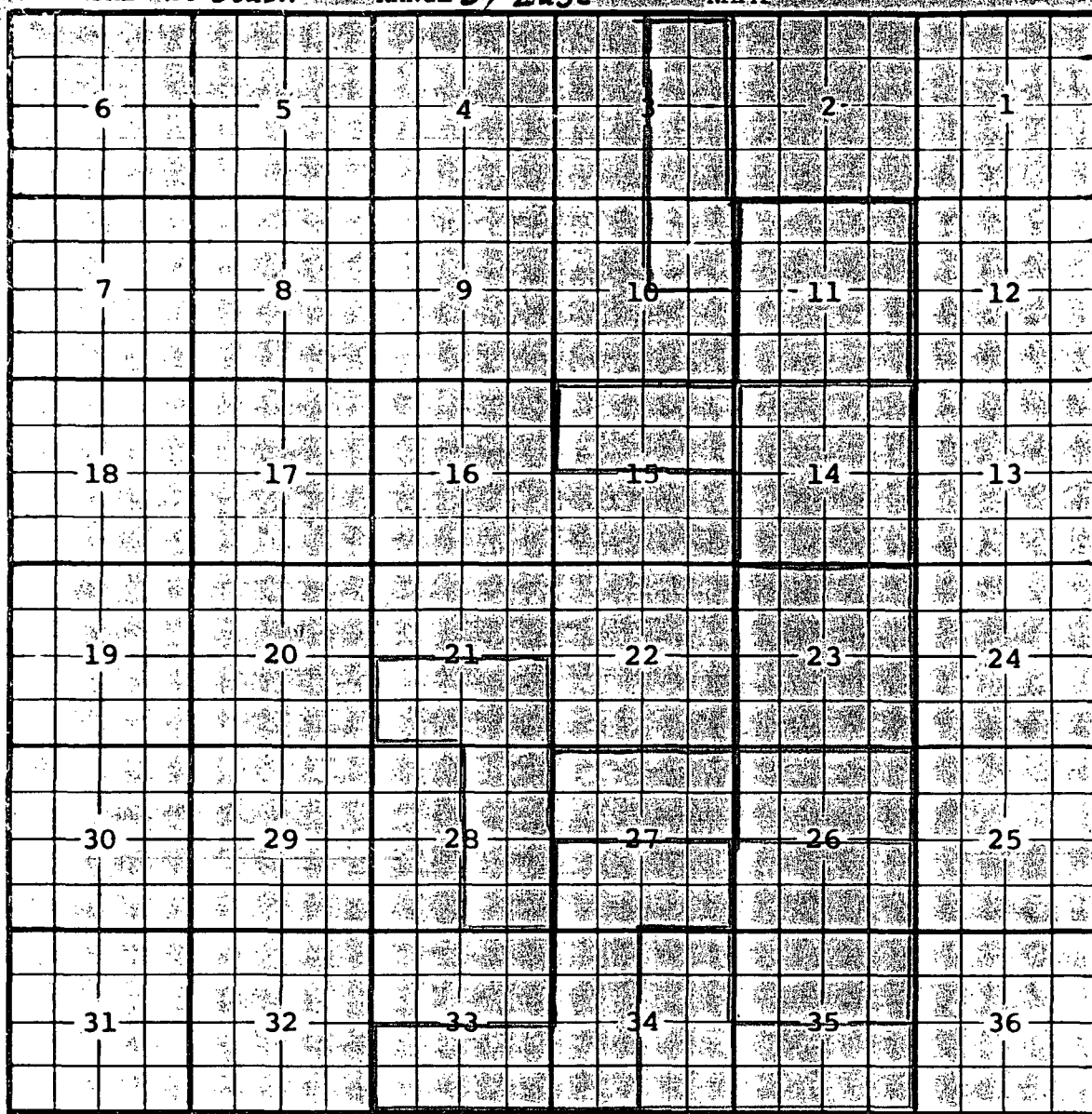
Yours very truly,

Jerry Sexton  
Jerry Sexton  
Supervisor, District 1

/ed

COUNTY LeaPOOL Antelope Ridge-Morrow GasTOWNSHIP 23 SouthRANGE 34 East

NMFM

Ext:  $\frac{S}{2}$  Sec. 27;  $\frac{S}{2}$  Sec. 33;  $\frac{W}{2}$  Sec. 34 (R-3218, 5-1-67)Ext:  $\frac{S}{2}$  Sec 35,  $\frac{E}{2}$  Sec 34 (R-4743, 4-1-74)Ext:  $\frac{S}{2}$  Sec 21,  $\frac{E}{2}$  Sec 28 (R-4861, 11-1-74)Ext:  $\frac{S}{2}$  Sec 26,  $\frac{N}{2}$  Sec 35 (R-5143, 2-1-76)Ext:  $\frac{N}{12}$  Sec 26 (R-5988, 5-1-79) Ext: All Sec. 23 (R-6274, 3-1-80)Ext: All Sec. 14 (R-6576, 2-10-81) Ext:  $\frac{N}{2}$  Sec 7 (R-6758, 8-26-81)Ext: All Sec. 11,  $\frac{N}{2}$  Sec. 15 (R-6838, 11-8-81) EXT:  $\frac{E}{2}$  SEC 3,  $\frac{NE}{4}$  SEC 10 (R-8584 1/11/88)

COUNTY LeaPOOL Antelope Ridge-Morrow GasTOWNSHIP 23 SouthRANGE 34 East

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext:  $\frac{S}{2}$  Sec. 27;  $\frac{S}{2}$  Sec. 33;  $\frac{W}{2}$  Sec. 34 (R-3218, 5-1-67)Ext:  $\frac{S}{2}$  Sec 35,  $\frac{E}{2}$  Sec 34 (R-4743, 4-1-74)Ext:  $\frac{S}{2}$  Sec 21,  $\frac{E}{2}$  Sec 28 (R-4861, 11-1-74)Ext:  $\frac{S}{2}$  Sec 26,  $\frac{N}{2}$  Sec 35 (R-5143, 2-1-76)Ext:  $\frac{N}{2}$  Sec 26 (R-5988, 5-1-79) Err: All Sec. 23 (R-6274, 3-1-80)Ext: All Sec. 14 (R-6576, 2-10-81) Ext:  $\frac{N}{2}$  sec 7 (R-6758, 8-26-81)Ext: All Sec. 11,  $\frac{N}{2}$  Sec. 15 (R-6838, 11-8-81) EXT:  $\frac{E}{2}$  SEC. 3,  $\frac{NE}{4}$  SEC. 10 (R-8584 1/11/88)

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986

RECEIVED  
'92 OCT 29 AM 8 44



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

NSL  
3179

September 22, 1992

Oryx Energy Company  
600 W. Illinois, Suite 1001  
Midland, Texas 79701

Re: Non-Standard Location  
Aviette "ALK" State #1 (Re-entry)  
1980' FSL and 660' FWL  
Section 17-T21S-R27E  
Eddy County, New Mexico

Please sign and return one (1) copy to Yates Petroleum Corporation, 105 South Fourth Street, Artesia, New Mexico 88210, to the attention of Clifton R. May, and one (1) copy to Mr. William LeMay, New Mexico Oil Conservation, P.O. Box 2088, Santa Fe, New Mexico 87501, if you have no objections to the proposed unorthodox location listed above. A xerox copy of a letter to Mr. William LeMay is attached to tell you of our intentions.

We respectfully ask for your expeditious return of this waiver. Thank you for your consideration.

### WAIVER

As an offset operator, Oryx Energy Company, has no objections to the unorthodox location for the well listed above.

By: Thomas W. Adon  
Title: Reservoir Engineer  
Date: 6/26/92

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1471

OIL CONSERVATION DIVISION  
RECEIVED

92 OCT 13 PM 9 50

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EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

September 22, 1992

Merit Energy Corporation  
600 W. Illinois, Suite 1001  
Midland, Texas 79701

Re: Non-Standard Location  
Aviette "ALK" State #1 (Re-entry)  
1980' FSL and 660' FWL  
Section 17-T21S-R27E  
Eddy County, New Mexico

Please sign and return one (1) copy to Yates Petroleum Corporation, 105 South Fourth Street, Artesia, New Mexico 88210, to the attention of Clifton R. May, and one (1) copy to Mr. William LeMay, New Mexico Oil Conservation, P.O. Box 2088, Santa Fe, New Mexico 87501, if you have no objections to the proposed unorthodox location listed above. A xerox copy of a letter to Mr. William LeMay is attached to tell you of our intentions.

We respectfully ask for your expeditious return of this waiver. Thank you for your consideration.

### WAIVER

As an offset operator, Merit Energy Corporation, has no objections to the unorthodox location for the well listed above.

Michael D. Alonzo  
By:  
District Manager  
Title  
10/8/92  
Date

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

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TREASURER

September 22, 1992

Merit Energy Corporation  
600 W. Illinois, Suite 1001  
Midland, Texas 79701

Re: Non-Standard Location  
Aviette "ALK" State #1 (Re-entry)  
1980' FSL and 660' FWL  
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### WAIVER

As an offset operator, Merit Energy Corporation, has no objections to the unorthodox location for the well listed above.

William P. LeMay  
By:

District Manager  
Title

10/8/92  
Date