

Yates Exhibits 1 through
23
Complete Set

YATES PETROLEUM CORP
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. /

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

IN THE MATTER OF THE APPLICATION OF :
YATES PETROLEUM CORPORATION FOR AN : CASE NO. 11235
UNORTHODOX OIL WELL LOCATION, EDDY :
COUNTY, NEW MEXICO :
_____ :

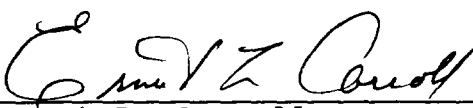
CERTIFICATE OF MAILING
AND
COMPLIANCE WITH RULE 1207

In accordance with Division Rule 1207, I hereby certify that on March 10, 1995, correspondence transmitting copies of the application filed in and providing notice of the hearing of the above-referenced case, were mailed more than twenty days prior to the hearing set on April 6, 1995, to the leasehold operators and unleased mineral owners listed in Exhibit "A".

Also attached hereto are copies of said correspondence as Exhibit "B".

Respectfully submitted,

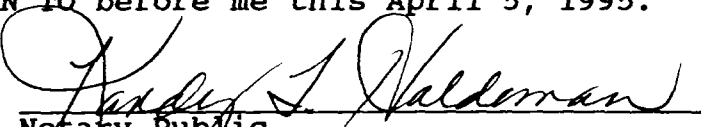
LOSEE, CARSON, HAAS & CARROLL, P.A.

By: 
Ernest L. Carroll
P. O. Box 1720
Artesia, New Mexico 88211-1720
(505) 746-3505

Attorneys for Yates Petroleum Corp.

STATE OF NEW MEXICO)
 : ss.
COUNTY OF EDDY)

SUBSCRIBED AND SWORN TO before me this April 5, 1995.


Notary Public

My commission expires:

11-17-97

YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 2

EXHIBIT A

Conoco, Inc.
10 Desta Drive
Midland, TX 79705

Attn: David Scott

Nearburg Production Company
Attn: Robert A. Shelton
3300 N. "A" St., Bldg. 2
Suite 120
Midland, TX 79705-5421

EXHIBIT

A

LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P. A.

300 YATES PETROLEUM BUILDING

P. O. BOX 1720

ARTESIA, NEW MEXICO 88211-1720

TELEPHONE
(505) 746-3505TELECOPY
(505) 746-6316

MARY LYNN BOGLE
ERNEST L. CARROLL
JOEL M. CARSON
DEAN B. CROSS
JAMES E. HAAS
A. J. LOSEE
BARRY D. GEWEKE

March 10, 1995

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Conoco, Inc.
10 Desta Drive
Midland, TX 79705 Attn: David Scott

Re: Application of Yates Petroleum Corporation
for an Unorthodox Oil Well Location, Eddy
County, New Mexico/Aspden "AOH" Fed. Com #2
Well

Gentlemen:

This office represents Yates Petroleum Corporation. On March 10, 1995, the above-referenced Application was sent for filing by Yates Petroleum Corporation for an Order granting permission to drill its Aspden "AOH" Fed Com #2 at a point 330' from the south line and 1980' from the west line of Section 29, T19S, R25E, NMPM, Eddy County, New Mexico.

This matter will be set for hearing on April 6, 1995. Be advised that any party wishing to appear must file a prehearing statement by the Friday prior to the date of hearing, and any party wishing to receive other parties' prehearing statements or pleadings must file an entry of appearance. I would request that you notify us whether or not you will protest the proposed amendment referred to herein. If you do not intend to protest said Application, enclosed you will find a waiver whereby you can make that decision known.

If you have any questions, do not hesitate to contact me at the letterhead address.

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.

Ernest L. Carroll

Z 153 498 299



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

PS Form 3800, March 1993

Sent to <i>Conoco, Inc.</i>	
Street and No.	
P. O. State and ZIP Code	
Postage:	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery	
Return Receipt to Whom & Date	
Return Receipt Date, and Address	
TOTAL Postage & Fees	
Postmark or Date	<i>3/10/95</i>

EXHIBIT

B

Is your RETURN ADDRESS completed on the reverse side?

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 will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

Conoco, Inc.
10 Desta Drive
Midland, TX 79705
Attn: David Scott

5. Signature (Addressee)

Ernest L. Carroll
6. Signature (Agent)

4a. Article Number

Z 153 498 299

4b. Service Type

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

7. Date of Delivery

3-14-95

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

LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P. A.

MARY LYNN BOGLE
 ERNEST L. CARROLL
 JOEL M. CARSON
 DEAN B. CROSS
 JAMES E. HAAS
 A. J. LOSEE
 BARRY D. GEWEKE

300 YATES PETROLEUM BUILDING
 P. O. BOX 1720
 ARTESIA, NEW MEXICO 88211-1720

TELEPHONE
 (505) 746-3505
 TELECOPY
 (505) 746-6316

March 10, 1995

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Nearburg Production Company
 Attn: Robert A. Shelton
 3300 N. "A", Bldg. 2
 Suite 120
 Midland, TX 79705-5421

Re: Application of Yates Petroleum Corporation
 for an Unorthodox Oil Well Location, Eddy
 County, New Mexico/Aspden "AOH" Fed. Com #2
 Well

Gentlemen:

This office represents Yates Petroleum Corporation. On March 10, 1995, the above-referenced Application was sent for filing by Yates Petroleum Corporation for an Order granting permission to drill its Aspden "AOH" Fed Com #2 at a point 330' from the south line and 1980' from the west line of Section 29, T19S, R25E, NMPM, Eddy County, New Mexico.

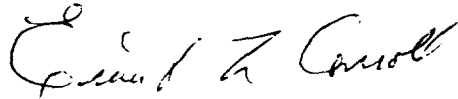
This matter will be set for hearing on April 6, 1995. Be advised that any party wishing to appear must file a prehearing statement by the Friday prior to the date of hearing, and any party wishing to receive other parties' prehearing statements or pleadings must file an entry of appearance. I would request that you notify us whether or not you will protest the proposed amendment referred to herein. If you do not intend to protest said Application, enclosed you will find a waiver whereby you can make that decision known.

If you have any questions, do not hesitate to contact me at the letterhead address.

Z 153 498 300

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.



Ernest L. Carroll



**Receipt for
 Certified Mail**

No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

Sent to <i>Nearburg</i>	
Street and No.	
P.O., State, and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>3/10/95</i>	

Is your RETURN ADDRESS completed on the reverse side?

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 will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

Nearburg Prod. Company
Attn: Robert A. Shelton
3300 N. "A", Bldg. 2
Suite 120
Midland, TX 79705-5421

5. Signature (Addressee)

6. Signature (Agent)

Ernest L. Carroll

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

1. ☐ Addressee's Address
 2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number

2153 498 300

4b. Service Type

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

7. Date of Delivery

3-13-95

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

PS Form 3811, December 1991

*U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

PS Form 3800, March 1993



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 4



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOC CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 5

3



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 6

4



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 7

5



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 8

6



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 9



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 10

▼



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 11

9



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 12

10



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 13



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 14



12

YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 15

SW1/4 SEC. 29-T19S-R25E

LOCATION - 990' FSL & 1980' FWL

ORTHODOX LOCATION - 660' FSL & 1980' FWL

REFERENCE POINT - 530' FSL & 1980' FWL

PROPOSED LOCATION - 330' FSL & 1980' FWL

Still in better of
SPL Draw

Flood plain extends
another ~ 400 ft
to north of this
location

Ex #6
Photograph

Edge of Draw
Ex #2
Refer to
(N 200 Stake)

YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 3

YATES PETROLEUM CORPORATION

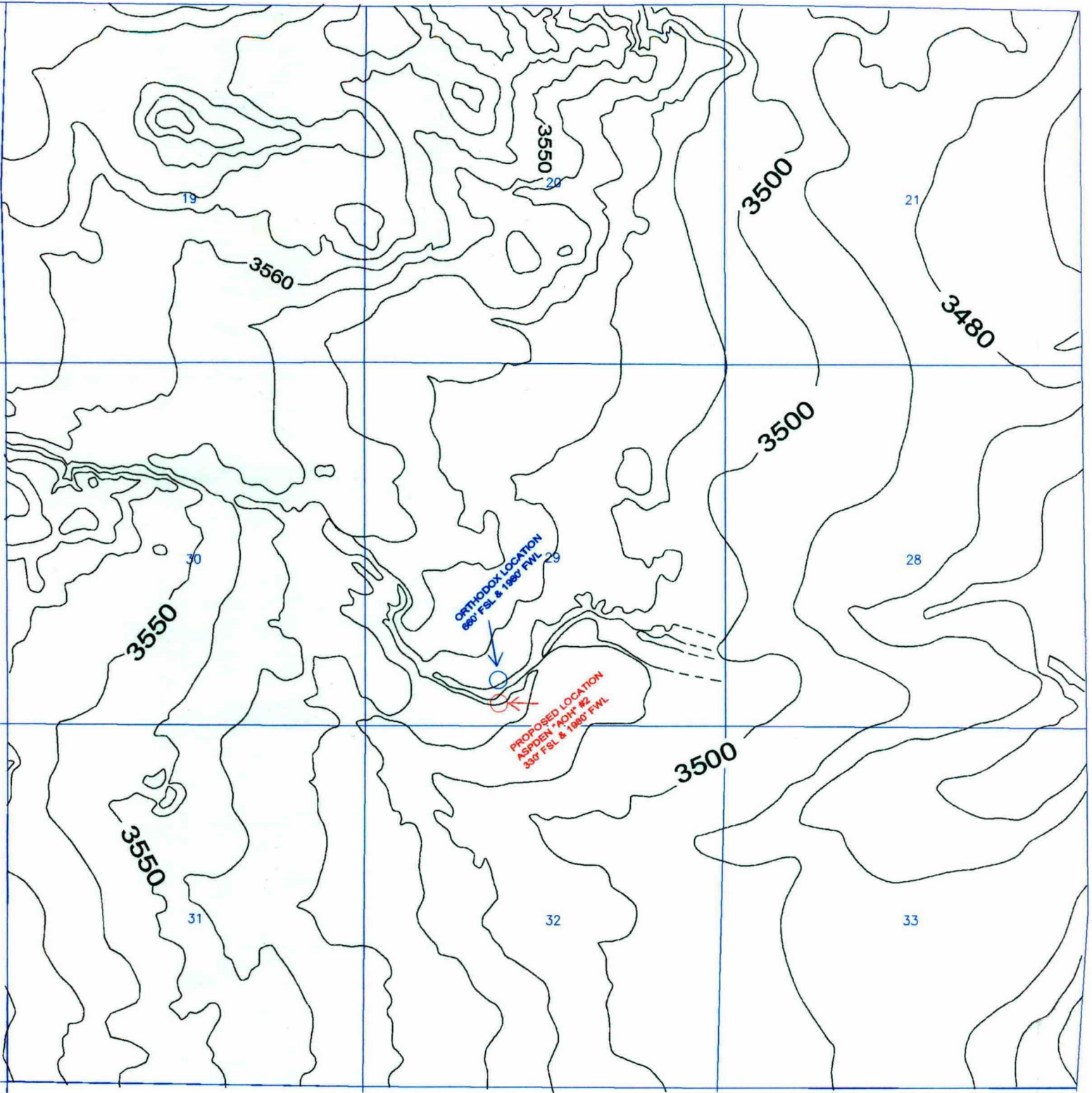
LOCATION PLAT
ASP DEN "ADH" #2

19S 25E

4/6/95

JF-TOPD.GPF

SCALE: 1"=300'



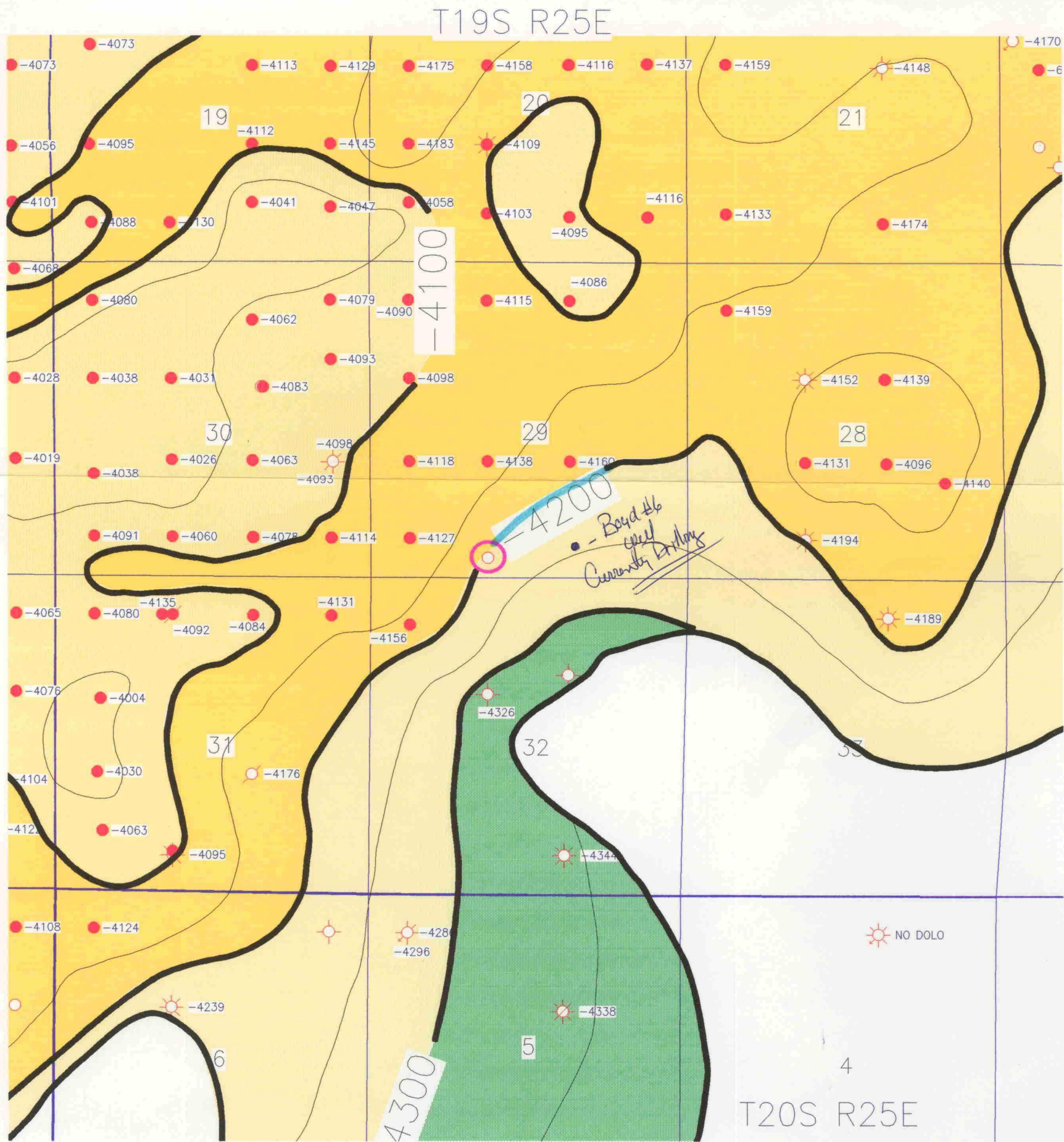
Yates Petroleum Corporation

TOPOGRAPHIC MAP
ASPDEN "AOH" #2

SOURCES : U.S.G.S. 7.5 MINUTE-NEW MEXICO
(DAYTON, FOSTER RANCH, PARRISH RANCH, SEVEN RIVERS)

Yates Petroleum Corporation		
TOPOGRAPHIC MAP ASPDEN "AOH" #2 SOURCES : U.S.G.S. 7.5 MINUTE-NEW MEXICO (DAYTON, FOSTER RANCH, PARRISH RANCH, SEVEN RIVERS)		
19S 25E	C.I.=10'	4/6/95
JF-TOPO.GPF	Scale 1:24000.	

YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
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DATE: 04/06/95
EXHIBIT NO. 16



Yates Petroleum Corporation

ASPDEN "AOH" #2
Structure Map
Top of Canyon Dolomite

Geology: Brent May

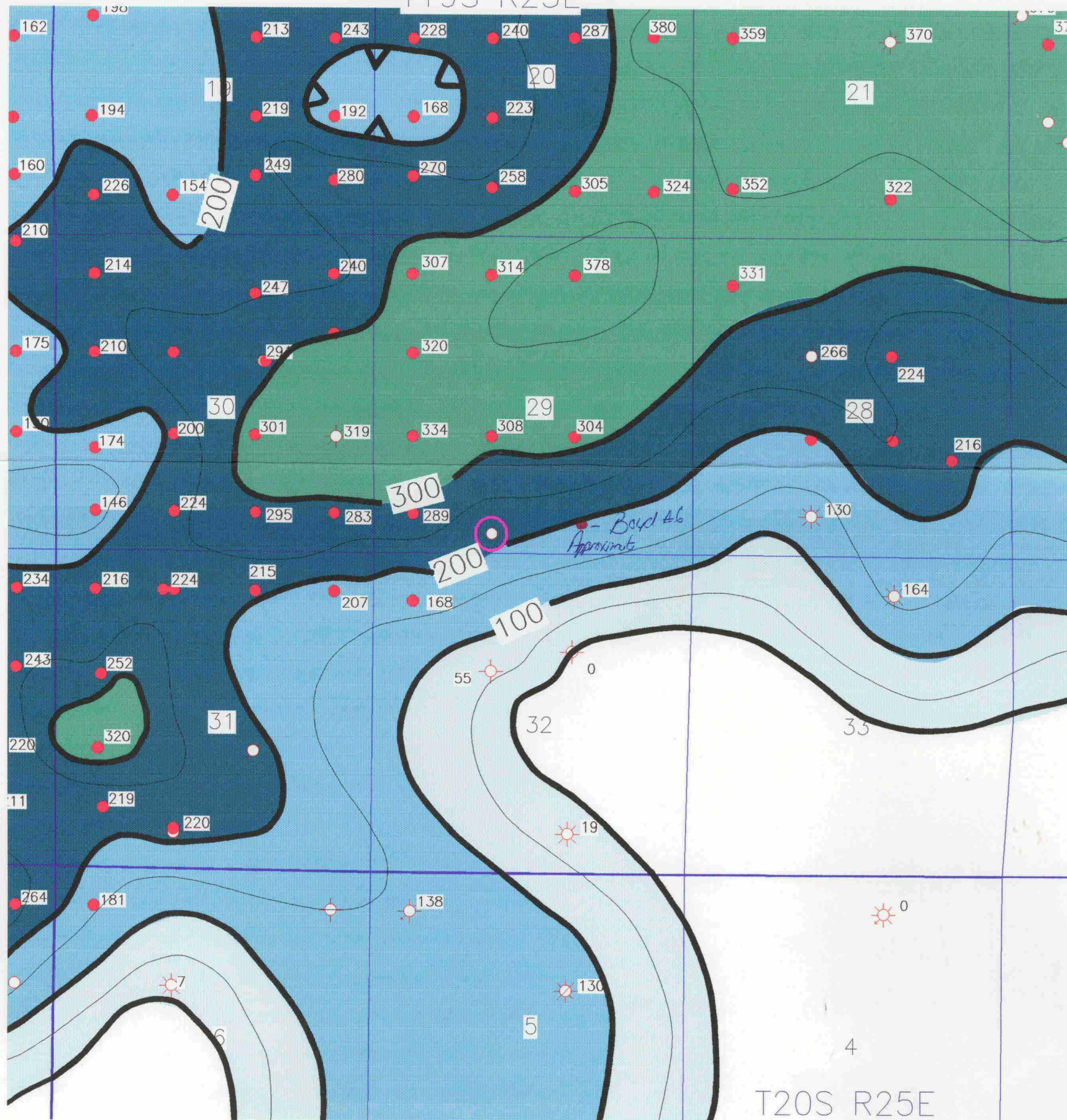
Scale 1:24000.

4/3/95

C.I.=50'

YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOC CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 17

T19S R25E



T20S R25E

Yates Petroleum Corporation

ASPDEN "AOH" #2
Net Isopach
Canyon Dolomite

*Feet thickness of
dolomite*

YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 18

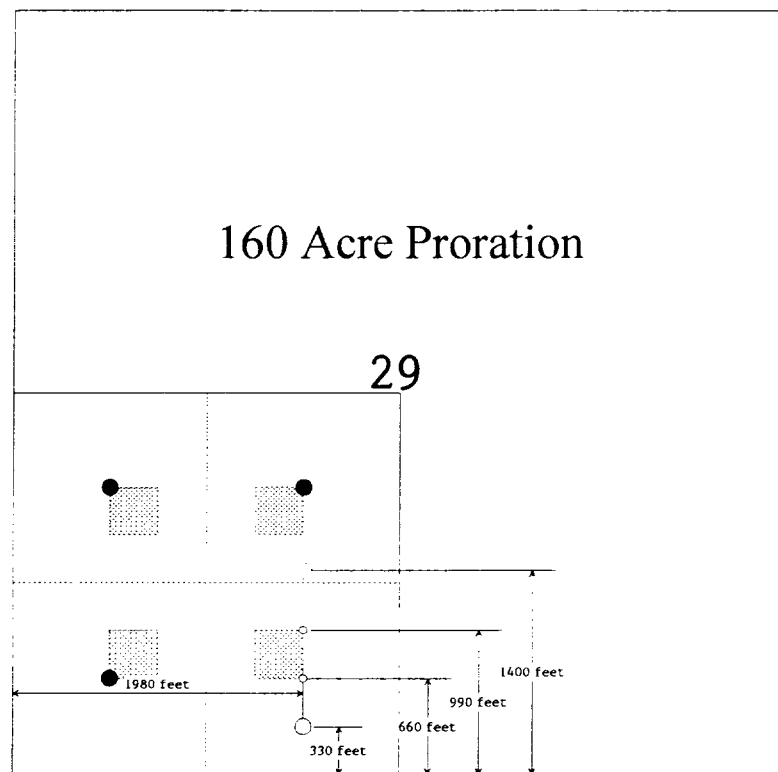
Geology: Brent May

4/3/95

Scale 1:24000.

C.I.=50'

**Aspden "AOH" Federal #2
Proposed Location
330' FSL & 1980' FWL Section 29, T19S - R25E**



YATES PETROLEUM CORP.
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EXHIBIT NO. 19

Penalty Determination Equations

- EW Factor = $1 - \frac{\text{Distance from Nearest Proration Unit Side Boundary}}{\text{Orthodox Distance}}$
- NS Factor = $1 - \frac{\text{Distance from Nearest Proration Unit Top / Bottom Boundary}}{\text{Orthodox Distance}}$
- Area Factor = $1 - \frac{2 \left(\frac{\text{Acos}\left(\frac{X}{2R}\right)}{180} \Pi R - \frac{X}{2} \text{Sin}\left(\text{Acos}\left(\frac{X}{2R}\right)\right) \right)}{\Pi R}$
- Three Factor Penalty = $\frac{\text{EW Factor} + \text{NS Factor} + \text{Area Factor}}{3}$
- Drainage Area Penalty = $\frac{\text{Acos}\left(\frac{L-X}{R}\right) - \text{Acos}\left(\frac{L}{R}\right)}{180} + \frac{L \times \text{Sin}\left(\text{Acos}\left(\frac{L}{R}\right)\right) - (L-X) \times \text{Sin}\left(\text{Acos}\left(\frac{L-X}{R}\right)\right)}{\Pi R}$

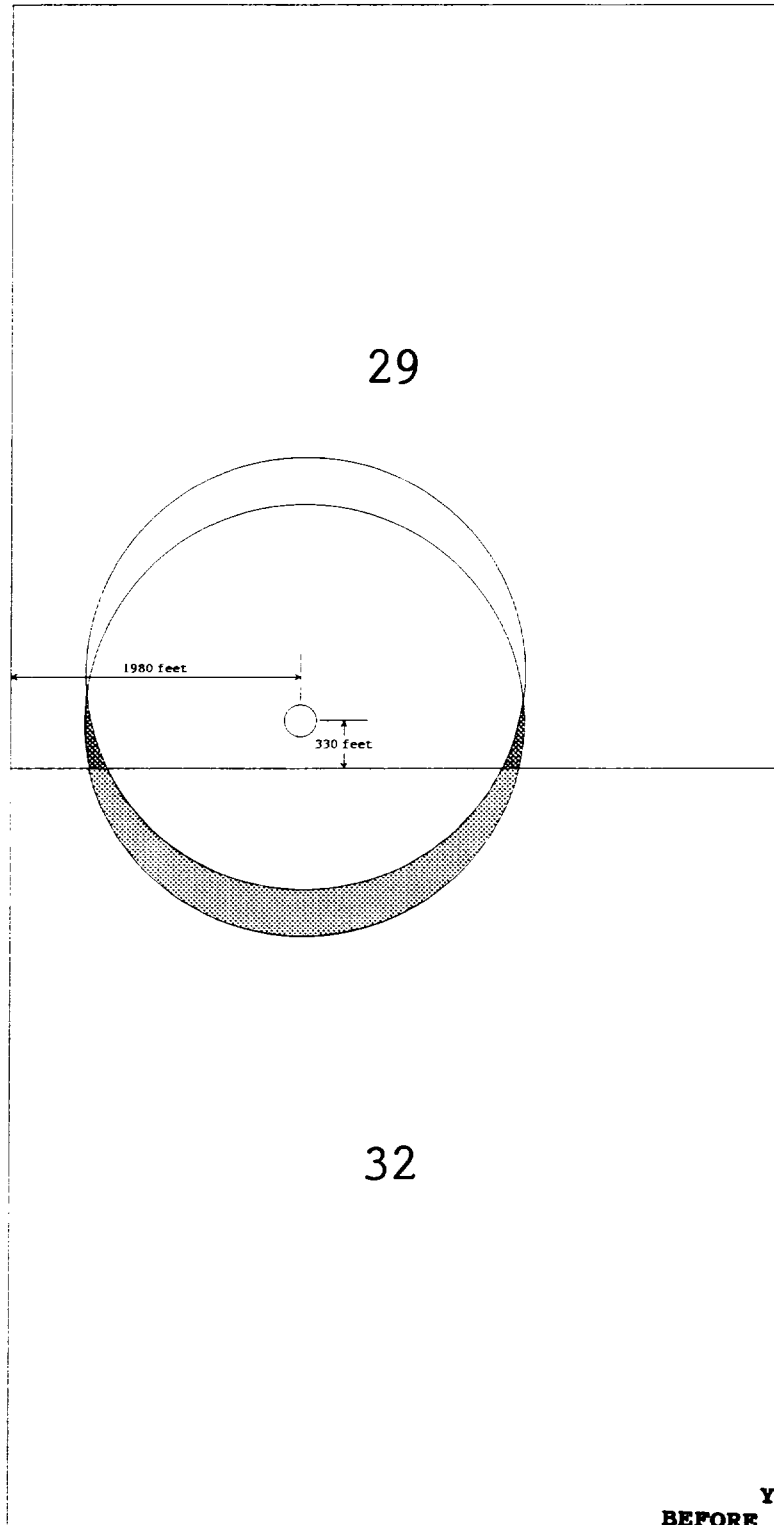
Where:

X = Distance Moved from the nearest Orthodox Location

$$R = \sqrt{\frac{43560 * \text{Proration Unit Acres}}{\Pi}}$$

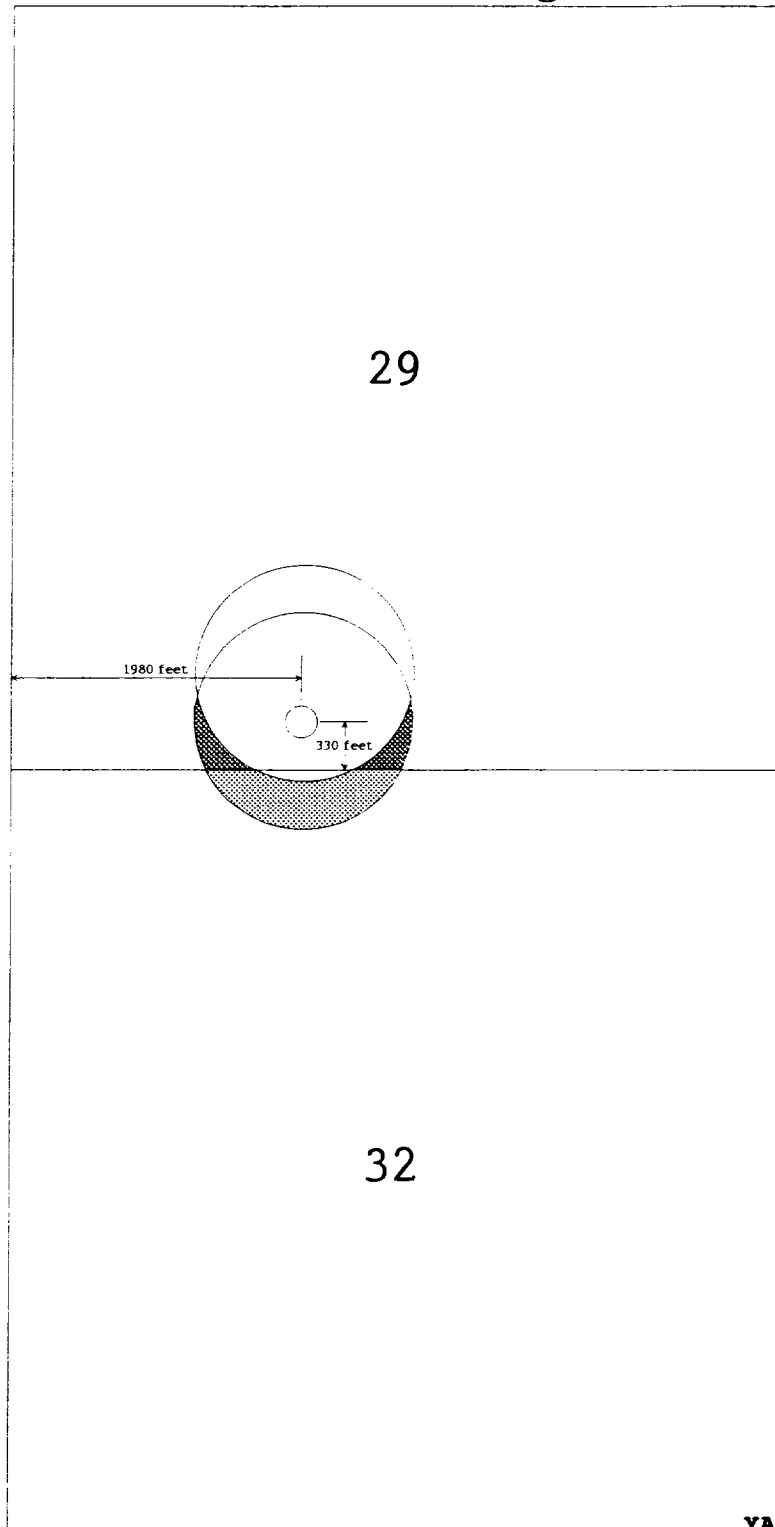
L = Orthodox Distance from Proration Unit Boundary

**Aspden "AOH" Federal #2
Proposed Location
330' FSL & 1980' FWL Section 29, T19S - R25E
160 Acre Drainage**



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
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DATE: 04/06/95
EXHIBIT NO. 21

**Aspden "AOH" Federal #2
Proposed Location
330' FSL & 1980' FWL Section 29, T19S - R25E
40 Acre Drainage**



YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
DATE: 04/06/95
EXHIBIT NO. 22

**Aspden "AOH" Federal #2
Penalty Calculations**

	160 Acre Proration	40 Acre Proration
East/West Factor	0%	0%
North/South Factor	50%	50%
Area Factor	14%	28%
Three Factor Penalty	21%	26%
Drainage Area Penalty	13%	20%

**YATES PETROLEUM CORP.
BEFORE EXAMINER CATANACH
NMOCD CASE NO. 11235
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EXHIBIT NO. 23**