

copy sent to E. Baxter 11/15/90

OIL CONSERVATION DIVISION
RECEIVED

'90 DEC 10 AM 10 11



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

December 5, 1990

NEW MEXICO OIL CONSERVATION COMMISSION
MICHAEL STEGNER
P. O. BOX 2088
SANTA FE, NM 87501

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

Dear Sir:

Great Western Drilling Co. respectfully requests an exception to Rule 104 for an unorthodox location for referenced well, this request is due to severe topographic problems encountered within the orthodox drilling window in the form of a steep mesa which makes it extremely difficult to locate the well in a standard location, making this site the only reasonable one available. Directionally drilling to a standard bottom hole location shouldn't be necessary because the well is crowding Great Western acreage.

A copy of this application has been provided to all off-set owners, operators and the BLM by registered mail return, receipt requested.

Sincerely yours,
D. E. Baxter
D. E. Baxter
Division Superintendent

DEB: rnp

Encl.

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

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

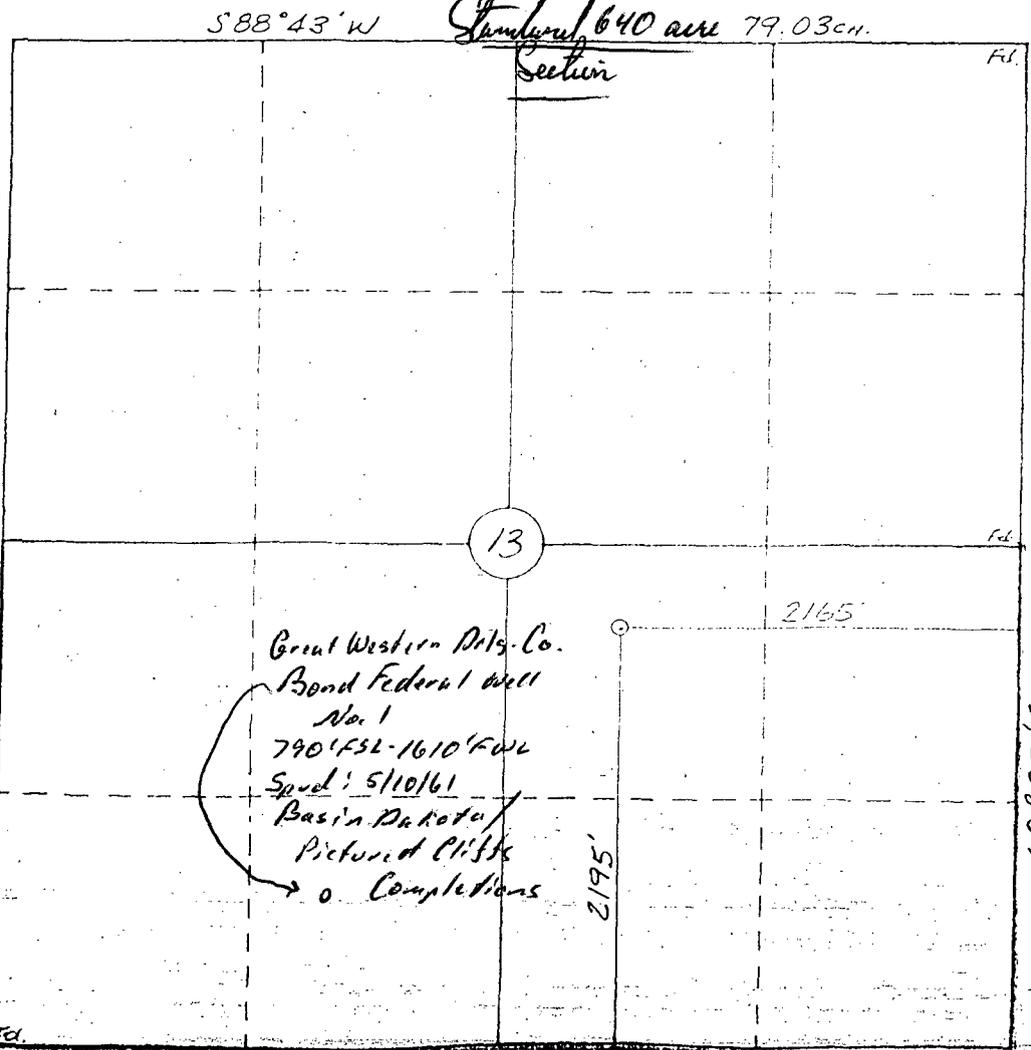
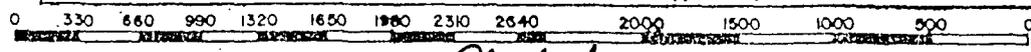
DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREAT WESTERN DRILLING COMPANY		Lease BOND		Well No. 1E
Unit Letter J	Section 13	Township 26 N	Range 8 W	County San Juan
Actual Footage Location of Well: 2195 feet from the South line and 2165 feet from the East line <small>NMPM</small>				
Ground level Elev. 6168	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 _____
 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 is true and complete to the best of my knowledge and belief.

Signature: *D. E. Baxter*
 Printed Name: **Doyle E. Baxter**
 Position: **Dist. Supervisor**
 Company: **Great Western Drilling Co.**
 Date: **7-18-90**

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: **7-16-90**
 Signature & Seal of Professional Surveyor: *William F. Mahnke II*
 Certificate No.: **8466**

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

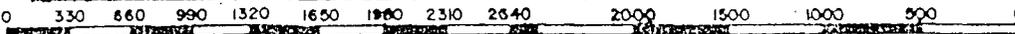
Operator GREAT WESTERN DRILLING COMPANY		Lease BOND		Well No. 1E
Unit Letter J	Section 13	Township 26 N	Range 8 W	County San Juan
Actual Footage Location of Well: 2195 feet from the South line and 2165 feet from the East line <small>NMPM</small>				
Ground level Elev. 6168	Producing Formation Dakota	Pool Basin Dakota	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 communization, unitization, force-pooling, etc.?

Yes No If answer is "yes" type of consolidation _____

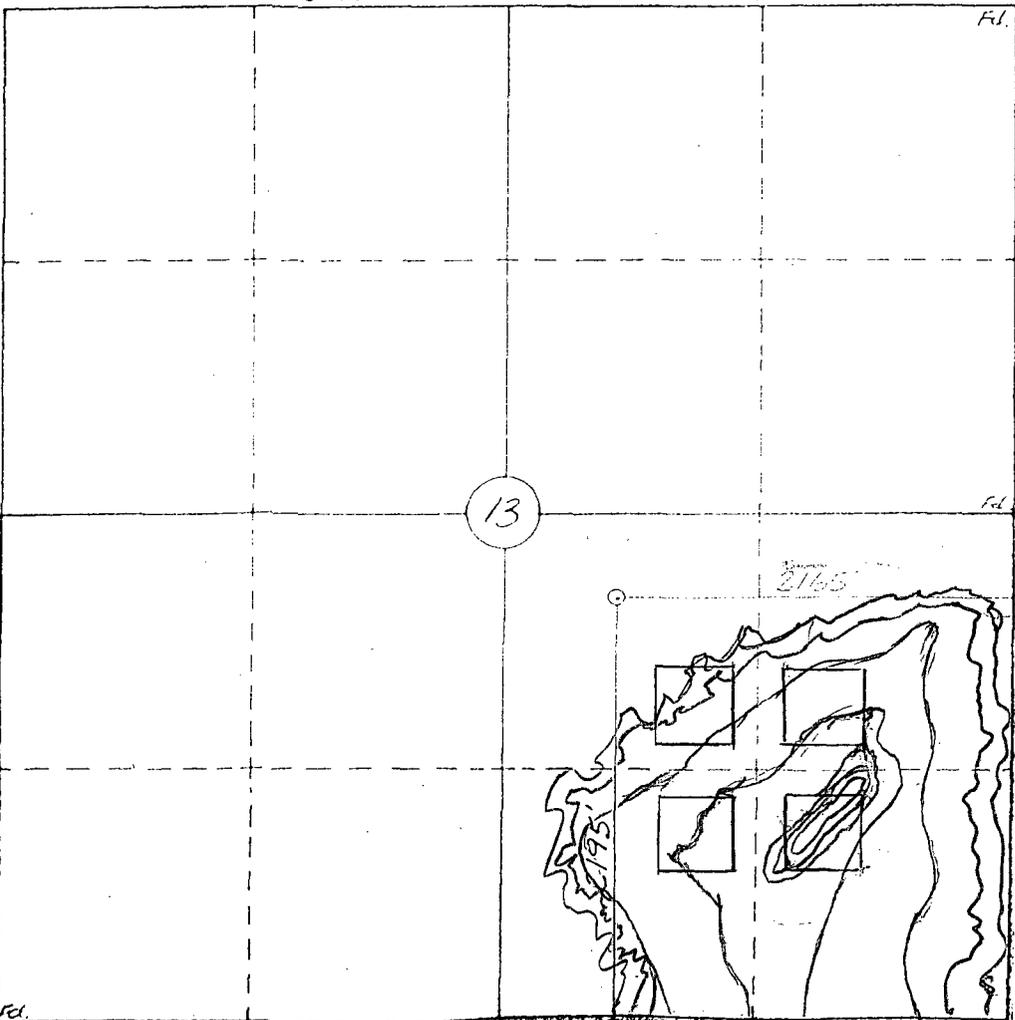
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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



S 88° 43' W

79.03 ch.



OPERATOR CERTIFICATION

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

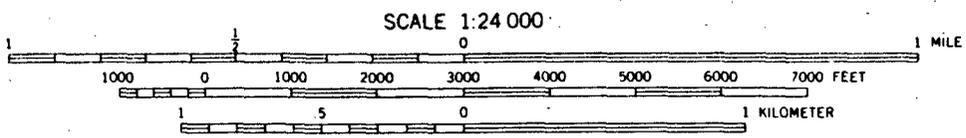
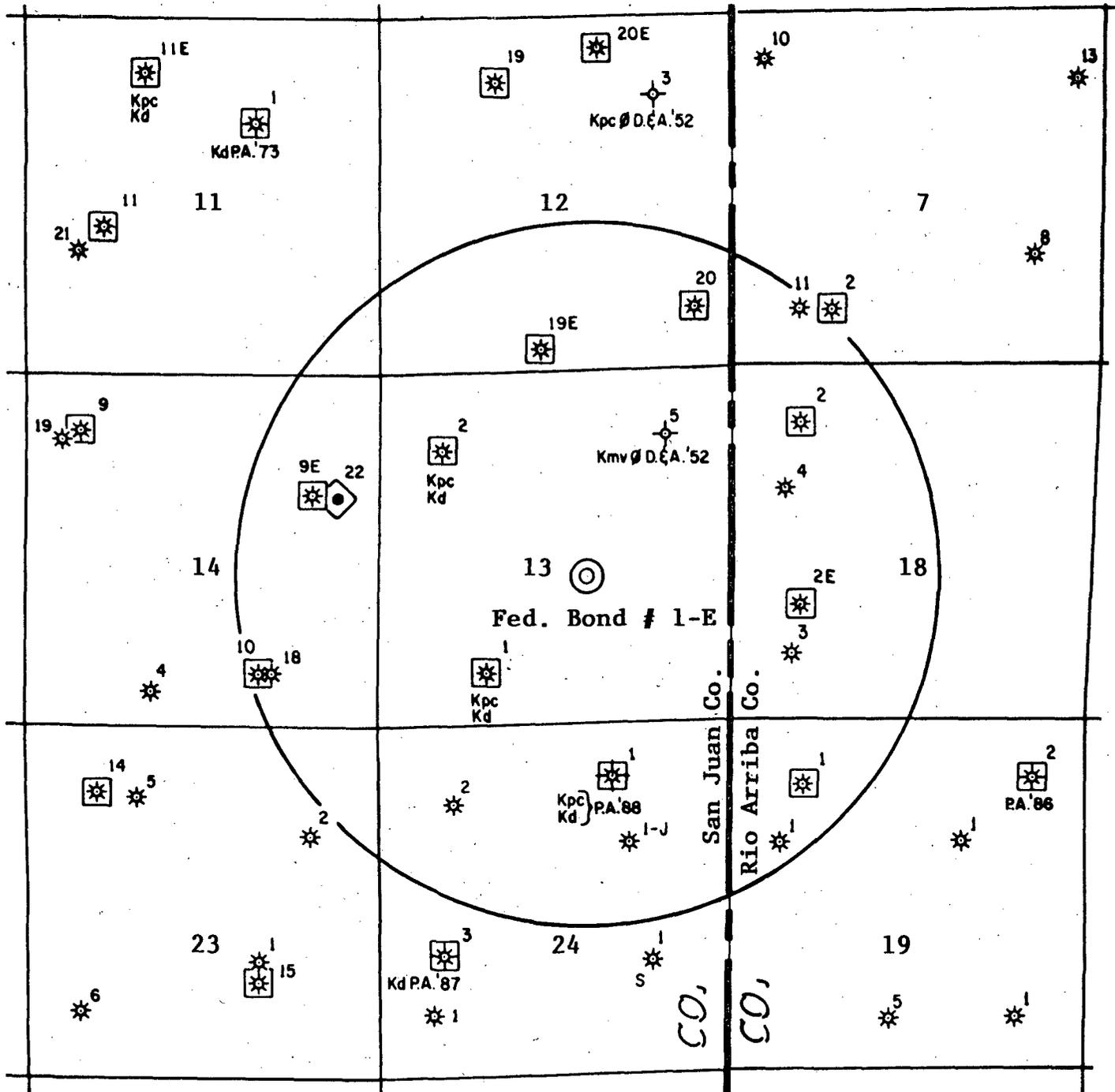
Signature
D. E. Baxter
 Printed Name
 Doyle E. Baxter
 Position
 Dist. Supervisor
 Company
 Great Western Drilling Co.
 Date
 7-18-90

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
 7-16-90

Date Surveyed
 William F. Mahnke II
 Signature & Seal of Professional Surveyor
William F. Mahnke II
 Certificate No.
 8466



GREAT WESTERN DRILLING CO.
 Fed. Bond No. 1-E
 -Unorthodox Location-
 2195' FSL, 2165' FEL, (NWSE)
 Section 13, T26N, R08W
 San Juan Co., New Mexico



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

DEKALB ENERGY CO.
ATTN: MR. J. V. KOWALSKI
1625 BROADWAY
DENVER, CO 80202

DEAR SIR:

BY SIGNATURE DEKALB ENERGY CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

DEKALB ENERGY CO.

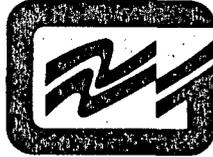
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy, Farmington, NM 87401

December 5, 1990

CURTISS J. LITTLE OIL & GAS CO.
ATTN: MS. SYLVIA F. LITTLE
P. O. BOX 1258
FARMINGTON, NM 87499

DEAR MS. LITTLE:

BY SIGNATURE CURTISS J. LITTLE OIL & GAS CO. DOES HEREBY PROVIDE A
WAIVER TO THIS UNORTHODOX LOCATION.

CURTISS J. LITTLE OIL & GAS

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy, Farmington, NM 87401

December 5, 1990

LIVELY EXPLORATION CO.
ATTN: MS. BENNIE REED
1300 POST DAY BLVD, SUITE 1900
HOUSTON, TX 77056

Dear Operator:

LIVELY EXPLORATION CO. PROVIDES WAIVER TO THIS UNORTHODOX LOCATION
APPLICATION BY THE SIGNATURE BLOCK PROVIDED BELOW.

Lively Exploration Co.

Date:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241
2550 La Plata Hwy, Farmington, NM 87401

December 5, 1990

MERIDIAN OIL, INC.
ATTN: MR. KENT BEERS
P. O. BOX 4289
FARMINGTON, NM 87499

DEAR SIR:

BY SIGNATURE MERIDIAN OIL, INC. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

MERIDIAN OIL, INC.

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

SNYDER OIL CO.
ATTN: MR. JEFF SOUCH
1801 CALIFORNIA ST., SUITE 3500
DENVER, CO 80202

DEAR SIR:

BY SIGNATURE SNYDER OIL CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

SNYDER OIL CO.

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

VERYLE F. MOORE
ATTN: MR. VERYLE F. MOORE
2605 HIGHLAND PLACE
FARMINGTON, NM 87401

DEAR SIR:

BY SIGNATURE VERYLE F. MOORE DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

VERYLE F. MOORE

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

AMOCO PRODUCTION CO.
ATTN. MR. MICHAEL CUBA
P. O. BOX 800
DENVER, CO 80202

DEAR SIR:

BY SIGNATURE AMOCO PRODUCTION CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

AMOCO PRODUCTION CO.

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

E. L. FUNDINGSLAND
ATTN: MR. E. L. FUNDINGSLAND
P. O. BOX 1157
LITTLETON, CO 80160

DEAR SIR:

BY SIGNATURE E. L. FUNDINGSLAND DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

E. L. FUNDINGSLAND

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

December 5, 1990

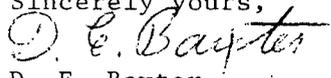
NEW MEXICO OIL CONSERVATION COMMISSION
MICHAEL STEGNER
P. O. BOX 2088
SANTA FE, NM 87501

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

Dear Sir:

Great Western Drilling Co. respectfully requests an exception to Rule 104 for an unorthodox location for referenced well, this request is due to severe topographic problems encountered within the orthodox drilling window in the form of a steep mesa which makes it extremely difficult to locate the well in a standard location, making this site the only reasonable one available. Directionally drilling to a standard bottom hole location shouldn't be necessary because the well is crowding Great Western acreage.

A copy of this application has been provided to all off-set owners, operators and the BLM by registered mail return, receipt requested.

Sincerely yours,

D. E. Baxter
Division Superintendent

DEB: rnp

Encl.



OIL CONSERVATION DIVISION
RECEIVED

'90 DEC 11 AM 8 44

GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

December 5, 1990

NEW MEXICO OIL CONSERVATION COMMISSION
MICHAEL STEGNER
P. O. BOX 2088
SANTA FE, NM 87501

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

Dear Sir:

Great Western Drilling Co. respectfully requests an exception to Rule 104 for an unorthodox location for referenced well, this request is due to severe topographic problems encountered within the orthodox drilling window in the form of a steep mesa which makes it extremely difficult to locate the well in a standard location, making this site the only reasonable one available. Directionally drilling to a standard bottom hole location shouldn't be necessary because the well is crowding Great Western acreage.

A copy of this application has been provided to all off-set owners, operators and the BLM by registered mail return, receipt requested.

Sincerely yours,
D. E. Baxter
D. E. Baxter
Division Superintendent

DEB:rnp

Encl.

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

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

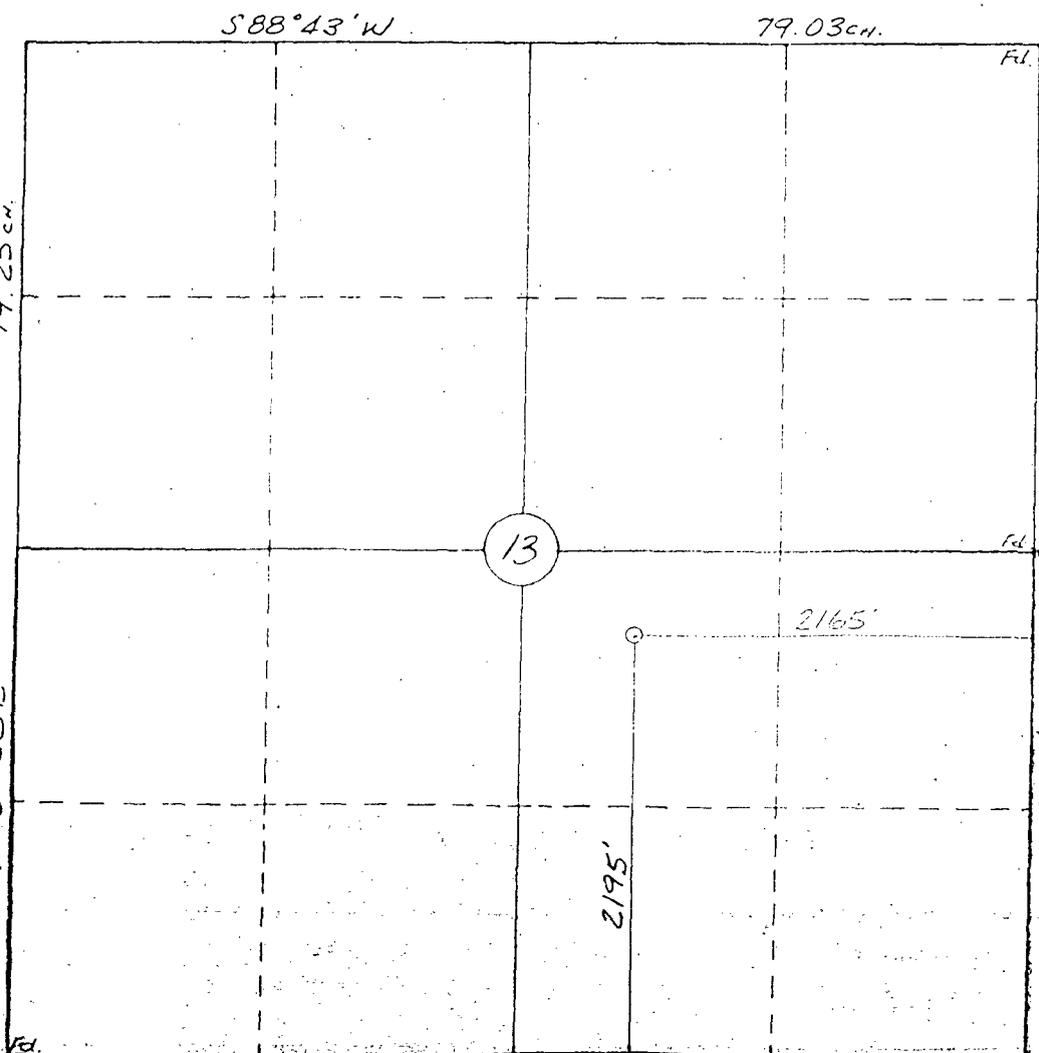
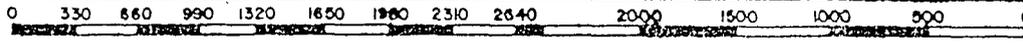
Operator GREAT WESTERN DRILLING COMPANY		Lease BOND		Well No. 1E
Unit Letter J	Section 13	Township 26 N	Range 8 W	County San Juan
Actual Footage Location of Well: 2195 feet from the South line and 2165 feet from the East line		NMPM		
Ground level Elev. 6168	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 communization, 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 communization, 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 is true and complete to the best of my knowledge and belief.

Signature: *D. E. Baxter*
 Printed Name: **Doyle E. Baxter**
 Position: **Dist. Supervisor**
 Company: **Great Western Drilling Co.**
 Date: **7-18-90**

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: **7-16-90**
 Signature & Seal of Professional Surveyor: *William F. Mahnke II*
 Certificate No.: **8466**

DEC 10 1990

OIL CONSERVATION DIVISION
RECEIVED



'90 DEC 27 AM 8 44

GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

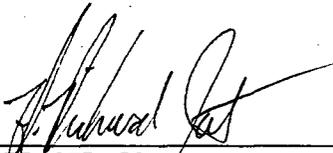
2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

SNYDER OIL CO.
ATTN: MR. JEFF SOUCH
1801 CALIFORNIA ST., SUITE 3500
DENVER, CO 80202

DEAR SIR:

BY SIGNATURE SNYDER OIL CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.



SNYDER OIL CO.

12-12-90

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

Submit to Appropriate District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

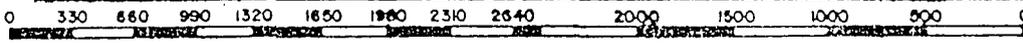
Operator GREAT WESTERN DRILLING COMPANY		Lease BOND		Well No. 1E
Unit Letter J	Section 13	Township 26 N	Range 8 W	County San Juan
Actual Footage Location of Well: 2195 feet from the South line and 2165 feet from the East line				
Ground level Elev. 6168	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 communization, unitization, force-pooling, etc.?

Yes No If answer is "yes" type of consolidation _____

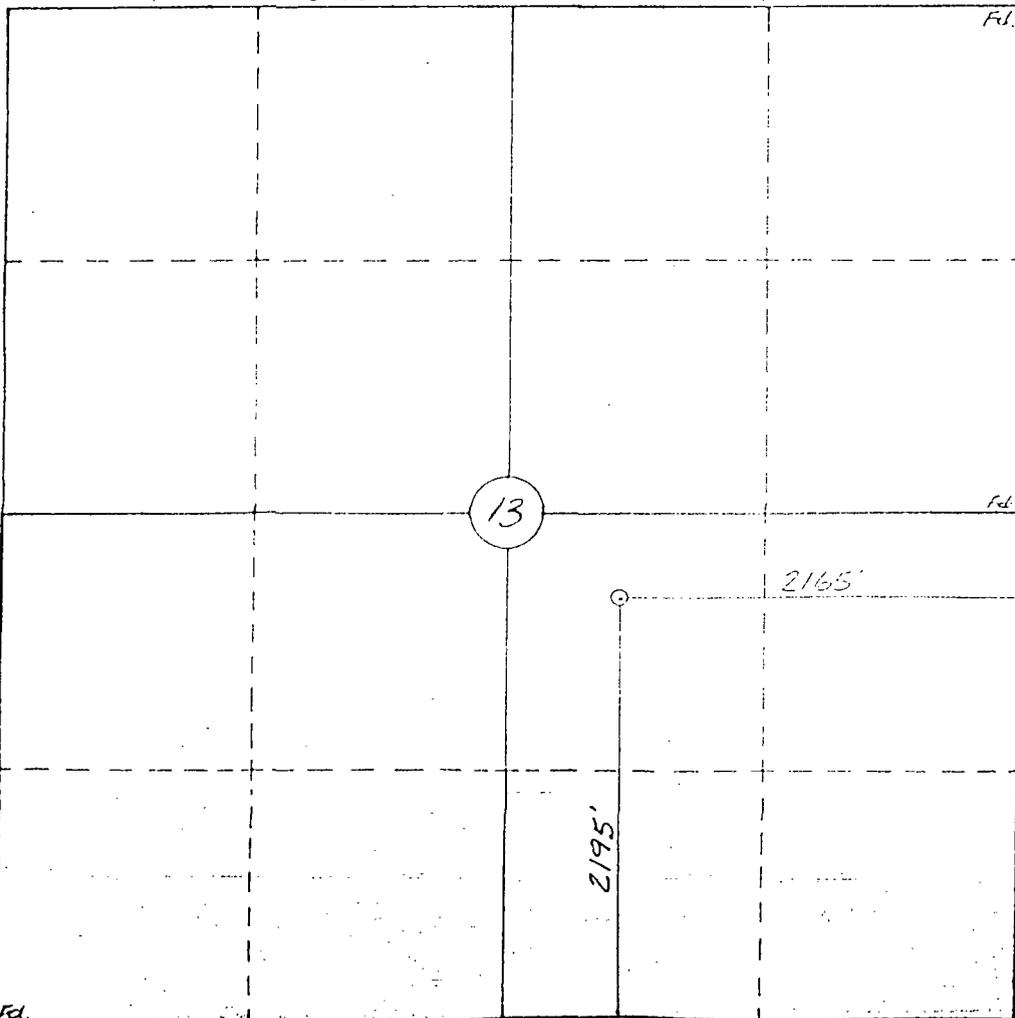
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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



S88°43'W

79.03 ch.



OPERATOR CERTIFICATION

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

Signature *D. E. Baxter*
 Printed Name **Doyle E. Baxter**
 Position **Dist. Supervisor**
 Company **Great Western Drilling Co.**
 Date **7-18-90**

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 **7-16-90**
 Signature & Seal of Professional Surveyor **William F. Mahnke II**
 Signature *William F. Mahnke II*
 Certificate No. **8466**

OIL CONSERVATION DIVISION
RECEIVED

'90 DEC 14 AM 8 59



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

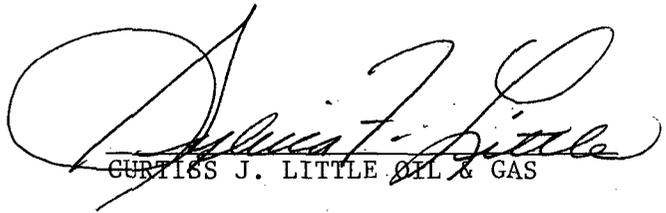
2550 La Plata Hwy, Farmington, NM 87401

December 5, 1990

CURTISS J. LITTLE OIL & GAS CO.
ATTN: MS. SYLVIA F. LITTLE
P. O. BOX 1258
FARMINGTON, NM 87499

DEAR MS. LITTLE:

BY SIGNATURE CURTISS J. LITTLE OIL & GAS CO. DOES HEREBY PROVIDE A
WAIVER TO THIS UNORTHODOX LOCATION.


CURTISS J. LITTLE OIL & GAS

DATE: 12-12-90

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

OIL CONSERVATION DIVISION
RECEIVED

'90 DEC 14 AM 8 56



RECEIVED

DEC 10 1990

Production

JM

GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

DEKALB ENERGY CO.
ATTN: MR. J. V. KOWALSKI
1625 BROADWAY
DENVER, CO 80202

DEAR SIR:

BY SIGNATURE DEKALB ENERGY CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

Thomas J. Cygan, District Engineer
DEKALB ENERGY CO.

December 12, 1990
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

CERTIFIED

P 337 987 545

MAIL

RECEIVED
DEC 10 1990



OIL CONSERVATION DIVISION
RECEIVED
'90 DEC 12 AM 9 04

GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

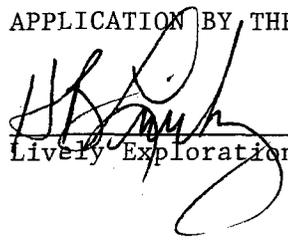
2550 La Plata Hwy, Farmington, NM 87401

December 5, 1990

LIVELY EXPLORATION CO.
ATTN: MS. BENNIE REED
1300 POST DAY BLVD, SUITE 1900
HOUSTON, TX 77056

Dear Operator:

LIVELY EXPLORATION CO. PROVIDES WAIVER TO ~~THIS UNORTHODOX LOCATION~~
APPLICATION BY THE SIGNATURE BLOCK PROVIDED BELOW.



Lively Exploration Co.

12-10-90
Date:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

VERYLE F. MOORE
ATTN: MR. VERYLE F. MOORE
2605 HIGHLAND PLACE
FARMINGTON, NM 87401

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

DEAR SIR:

BY SIGNATURE VERYLE F. MOORE DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

Veryle F. Moore
VERYLE F. MOORE

12-5-90
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy, Farmington, NM 87401

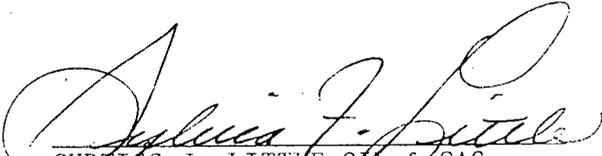
December 5, 1990

CURTISS J. LITTLE OIL & GAS CO.
ATTN: MS. SYLVIA F. LITTLE
P. O. BOX 1258
FARMINGTON, NM 87499

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

DEAR MS. LITTLE:

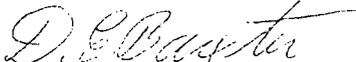
BY SIGNATURE CURTISS J. LITTLE OIL & GAS CO. DOES HEREBY PROVIDE A
WAIVER TO THIS UNORTHODOX LOCATION.


CURTISS J. LITTLE OIL & GAS

DATE: 12-12-90

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

DEKALB ENERGY CO.
ATTN: MR. J. V. KOWALSKI
1625 BROADWAY
DENVER, CO 80202

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

DEAR SIR:

BY SIGNATURE DEKALB ENERGY CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

Thomas J. Ryan District Engineer
DEKALB ENERGY CO.

December 12, 1990
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. Baxter
D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

12-12-90
Returned



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

AMOCO PRODUCTION CO.
ATTN. MR. MICHAEL CUBA
P. O. BOX 800
DENVER, CO 80202

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

DEAR SIR:

BY SIGNATURE AMOCO PRODUCTION CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.



AMOCO PRODUCTION CO.

12/14/90
DATE:

Bond Federal # 1-E
13-26N-8W

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy, Farmington, NM 87401

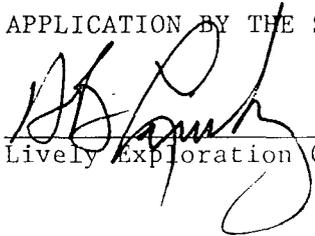
December 5, 1990

LIVELY EXPLORATION CO.
ATTN: MS. BENNIE REED
1300 POST DAY BLVD, SUITE 1900
HOUSTON, TX 77056

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

Dear Operator:

LIVELY EXPLORATION CO. PROVIDES WAIVER TO THIS UNORTHODOX LOCATION
APPLICATION BY THE SIGNATURE BLOCK PROVIDED BELOW.

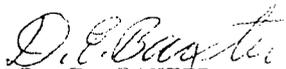


Lively Exploration Co.

12-10-90
Date:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

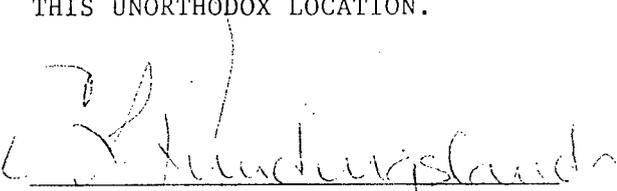
December 5, 1990

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

E. L. FUNDINGSLAND
ATTN: MR. E. L. FUNDINGSLAND
P. O. BOX 1157
LITTLETON, CO 80160

DEAR SIR:

BY SIGNATURE E. L. FUNDINGSLAND DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.


E. L. FUNDINGSLAND

Dec 18, 1990
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

SNYDER OIL CO.
ATTN: MR. JEFF SOUCH
1801 CALIFORNIA ST., SUITE 3500
DENVER, CO 80202

RE: BOND FEDERAL #1-E
2165' FEL, 2195' FSL
Sec. 13, T-26N, R-8W

DEAR SIR:

BY SIGNATURE SNYDER OIL CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

SNYDER OIL CO.

12-12-90

DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

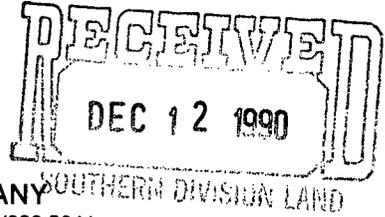
SINCERELY,

D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

OIL CONSER. DIVISION
RECEIVED

'90 DEC 18 AM 8 59



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

December 5, 1990

AMOCO PRODUCTION CO.
ATTN. MR. MICHAEL CUBA
P. O. BOX 800
DENVER, CO 80202

DEAR SIR:

BY SIGNATURE AMOCO PRODUCTION CO. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.


AMOCO PRODUCTION CO.

12/14/90
DATE:

Bond Federal #1-E
13-26N-BW

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

OIL CONSERVATION DIVISION
RECEIVED

'90 DEC 21 AM 9 08



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

2550 La Plata Hwy
Farmington, NM 87401

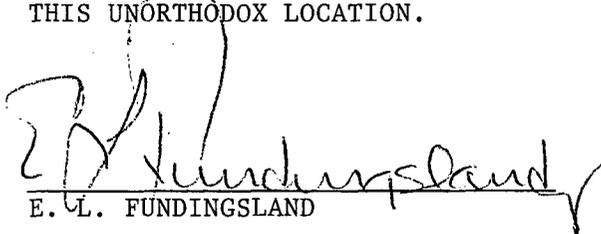
December 5, 1990

E. L. FUNDINGSLAND
ATTN: MR. E. L. FUNDINGSLAND
P. O. BOX 1157
LITTLETON, CO 80160

*Rz: Bond Federal #1-E
2165' FEL, 2195' FSL
Sec 13 T26N R8W
San Juan Co., NM*

DEAR SIR:

BY SIGNATURE E. L. FUNDINGSLAND DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.


E. L. FUNDINGSLAND

Dec 18, 1990
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,


D. E. BAXTER
DIV. SUPERINTENDENT

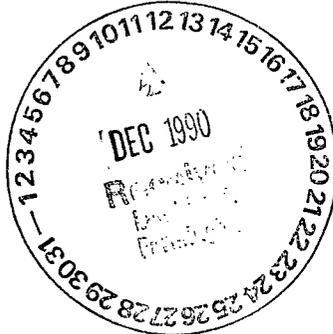
ENCL.

Uan



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241
2550 La Plata Hwy, Farmington, NM 87401

December 5, 1990



MERIDIAN OIL, INC.
ATTN: MR. KENT BEERS
P. O. BOX 4289
FARMINGTON, NM 87499

DEAR SIR:

BY SIGNATURE MERIDIAN OIL, INC. DOES HEREBY PROVIDE A WAIVER TO
THIS UNORTHODOX LOCATION.

MERIDIAN OIL, INC.

Jan 10, 1991
DATE:

PLEASE PROVIDE SANTA FE ORIGINAL COPY OF THIS LETTER OF WAIVER AND
ONE COPY TO US.

SINCERELY,

D. E. BAXTER
DIV. SUPERINTENDENT

ENCL.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION

30-045-28284

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
GREAT WESTERN DRILLING CO.

3. ADDRESS OF OPERATOR
2550 La Plata Hwy, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 2165' FEL & 2195' FSL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
26 miles S. E. of Blanco N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
2165 FEL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6168 GR

23. This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
14-3/4	10-3/4	40#	350'
8-3/4	7"	20-23#	4800'
6-1/2	4 1/2"	10.5 + 11.6	4600' to T.D. 4800' 6800'

5. LEASE DESIGNATION AND SERIAL NO.
SF-078622

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal Bond

9. WELL NO.
1-E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota
Ballard P.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
J
Sec. 13, T-26N, R-8W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

16. NO. OF ACRES IN LEASE
640.224172

17. NO. OF ACRES ASSIGNED TO THIS WELL
5/320 1160

19. PROPOSED DEPTH
6750 6800

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
9-15-90

24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO QUANTITIES OF CEMENT ATTACHED

- #1 Spud 14-3/4" hole, set 10-3/4"-csg. cir. cement behind pipe to surface.
- #2 Set 8" or 10" B.O.P., nipple up w/choke manifold, test pipe, B.O.P. and choke manifold to 1000#.
- #3 Drill 8-3/4" hole to 4800' + or -, set 7" csg. w/2-stage cement tool below Pictured Cliffs zone + 200' @ 2400' + or -, cement 2-stage to surface.
- #4 Drill out 2 stage tool, test csg., stage tool & B.O.P. 1500#, blow hole dry.
- #5 Drill w/air from bottom of 7" csg. to T.D. 6800' + or -.
- #6 Run electric logs.
- #7 Run 4 1/2" liner w/7" csg. hanger, cement liner in place.
- #8 Release rotary tools.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED D.E. Baxter TITLE Superintendent DATE July 18, 1990

PERMIT NO. 10 APPROVAL DATE OCT 1 1990

APPROVED BY [Signature] TITLE AREA MANAGER DATE SEP 28 1990

CONDITIONS OF APPROVAL, IF ANY:
OIL CON. DIV
Hold copy of this permit for PCT + DR
*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Send to Appropriate
District Office
Lease - 4 copies
Fee Lease - 3 copies

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

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

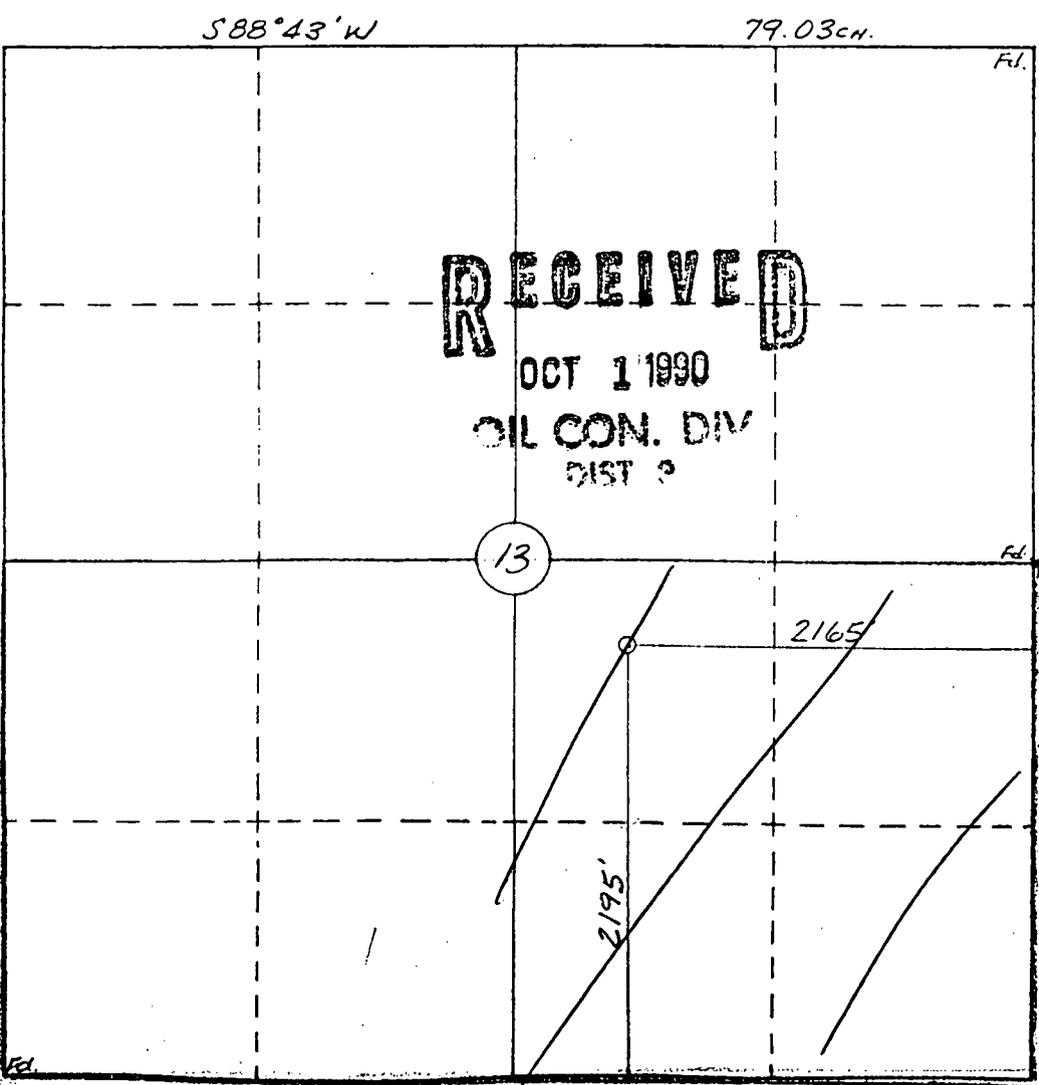
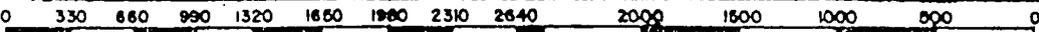
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREAT WESTERN DRILLING COMPANY		Lease BOND		Well No. 13	
Unit Letter J	Section 13	Township 26 N	Range 8 W	County San Juan	
Actual Footage Location of Well: 2195 feet from the South line and 2165 feet from the East line					
Ground level Elev. 6168	Producing Formation Dakota / PC	Pool Ballard Basin Dakota		Dedicated Acreage: 320/160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 _____
 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 is true and complete to the best of my knowledge and belief.

Signature: *D. E. Baxter*
 Printed Name: **Doyle E. Baxter**
 Position: **Dist. Supervisor**
 Company: **Great Western Drilling Co.**
 Date: **7-18-90**

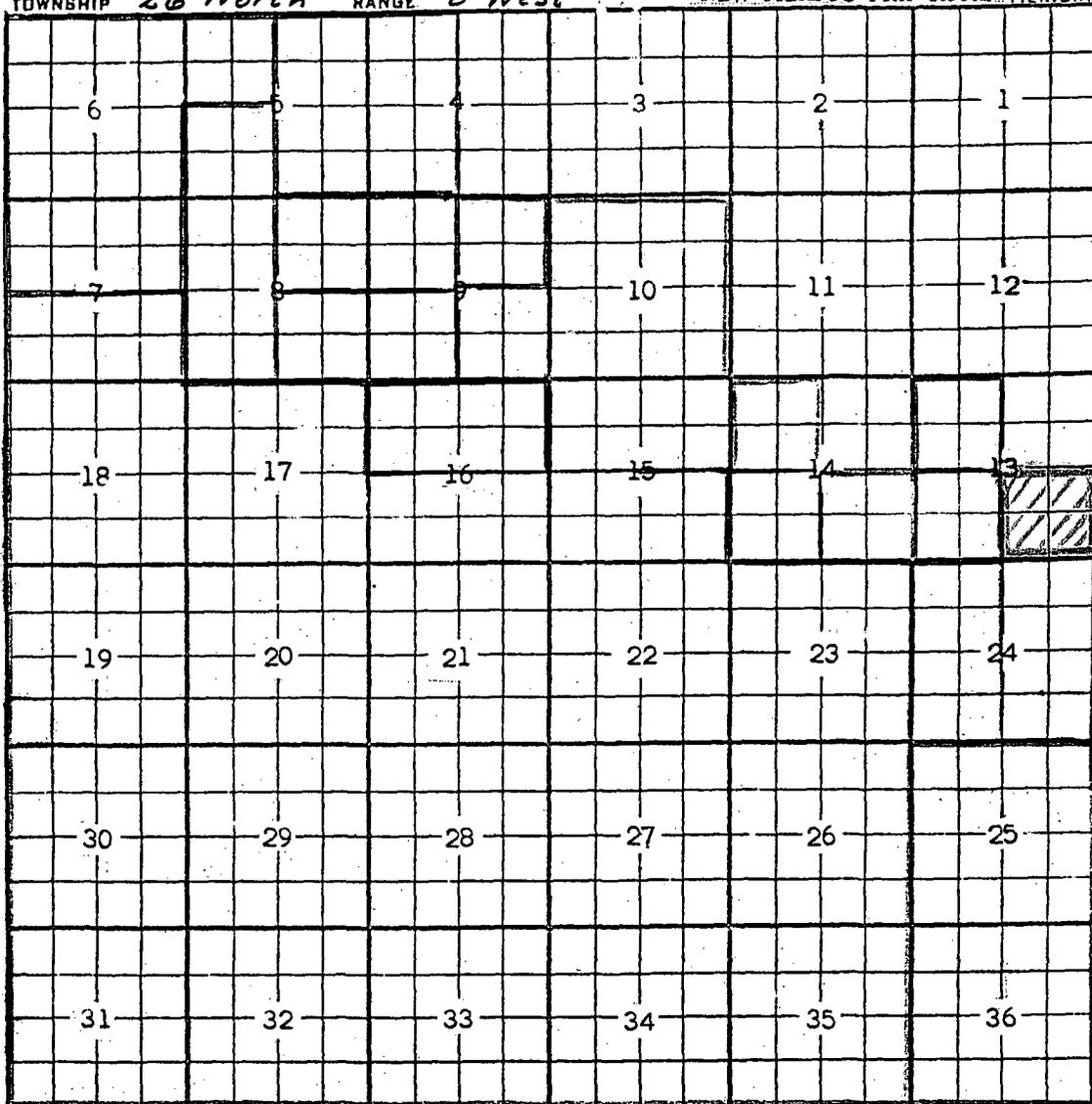
SURVEYOR CERTIFICATION

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: **7-16-90**
 Signature & Seal of Professional Surveyor: *William F. Mahnke II*
 Certificate No.: **8466**

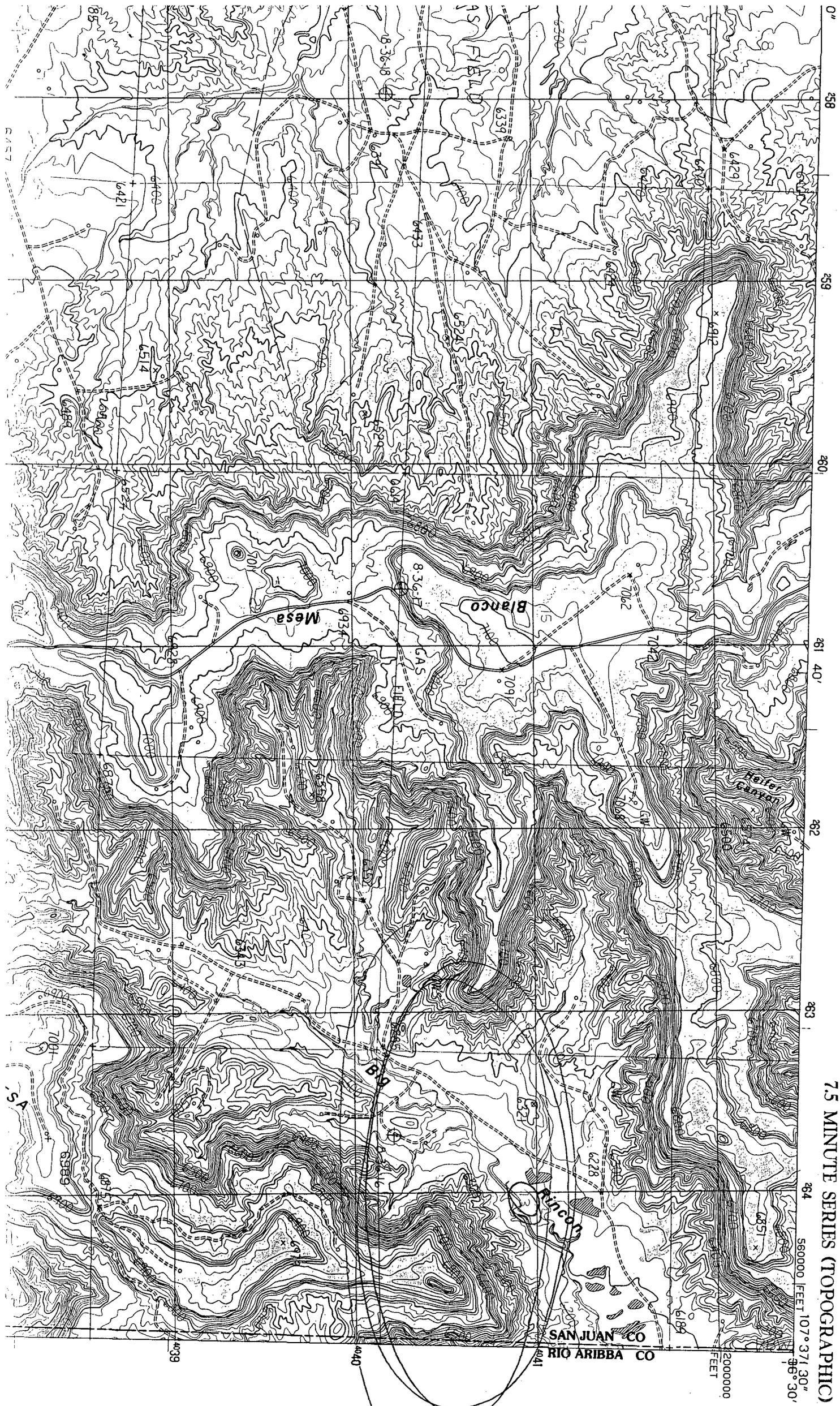
County San Juan Pool Ballard-Pictured Cliffs

TOWNSHIP 26 North RANGE 8 West NEW MEXICO PRINCIPAL MERIDIAN



(Desc.)
R-577
2-955

Redefined: $\frac{1}{2}$ Sec. 7; $\frac{1}{2}$ Sec. 15; $\frac{1}{2}$ Sec. 16; All Sec. 17 thru 23;
All Sec. 26 thru 35 (R-672-B, 1-27-56) = $\frac{1}{4}$ Sec. 5; All Sec. 6; $\frac{1}{2}$ Sec. 7 (R-813 6-8-56)
Redefined as above - R-846, 7-18-56
Ext: All Sec. 25 & 36 (R-878 9-13-56) = $\frac{1}{2}$ Sec. 24 (R-903, 10-26-56)
= $\frac{1}{2}$ Sec. 16 (R-959, 3-8-57) = $\frac{5}{4}$ Sec. 5; $\frac{1}{2}$ Sec. 8 (R-1106, 1-1-58)
= $\frac{1}{2}$ Sec. 4; $\frac{1}{2}$ Sec. 5 (R-1119, 2-1-58) = $\frac{5}{4}$ Sec. 14 (R-1130, 3-1-58)
= $\frac{1}{2}$ Sec. 24 (R-1858, 2-1-61) = $\frac{5}{4}$ Sec. 13 (R-2048 9-1-61)
= $\frac{1}{4}$ Sec. 13 (R-2188, 3-1-62) = $\frac{SE}{4}$ Sec. 8; $\frac{SW}{4}$ Sec. 9 (R-2858, 2-1-65)
Ext: $\frac{NW}{4}$ Sec. 15 (R-6327, 5-1-80) Ext: $\frac{NE}{4}$ Sec. 8, $\frac{NW}{4}$ Sec. 9
(R-6421 - 8-1-80) Ext. $\frac{NE}{4}$ sec. 9, $\frac{NW}{4}$ & $\frac{SE}{4}$ (R-6886, 1-22-82)
Ext: $\frac{SE}{4}$ Sec. 9, All Sec. 10, $\frac{NE}{4}$ Sec. 15 (R-7046, 8-6-82)



THOMPSON MESA QUADRANGLE
NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)

580000 FEET 107° 37' 30"
18° 30'

SAN JUAN CO
RIO ARIBBA CO

2000000
FEET