



OIL CONSERVATION DIVISION
RECEIVED

Amoco Production Company

Southern Rockies Business Unit
Amoco Building
1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

AUG 16 AM 9 59

August 12, 1993

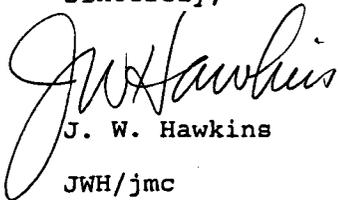
Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
PO Box 2088
Santa Fe, New Mexico 87504

File: CAW-214-986.511

Application for Unorthodox Location
Carson Federal D #1 Well
NW/4 Section 4-T29N-R4W
Basin Dakota Pool
East Blanco Pictured Cliffs Pool
Rio Arriba County, New Mexico

Amoco Production Company hereby requests administrative approval for an unorthodox location in the Basin Dakota Pool and East Blanco Pictured Cliffs Pool. Amoco proposes to drill the Carson Federal D #1 Well at a location 645' FNL and 630' FWL of Section 4. This location is necessary due to the topographical condition in this area. Our original location was denied by the Forest Service and had to be restaked unorthodox. This spacing unit is in the W/2 Section 4, T29N-R4W. The offset operator will receive a copy of the application by certified mail with a request that they furnish your Santa Fe office with a waiver of objection and return one copy to Amoco.

Sincerely,


J. W. Hawkins
JWH/jmc

cc: Lori Arnold

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Rd.
Aztec, NM 87410

WAIVER

_____ hereby waives objection to Amoco's application for unorthodox well location for the Carson Federal D #1 Well in the Basin Dakota Pool and East Blanco Pictured Cliffs Pool as proposed above.

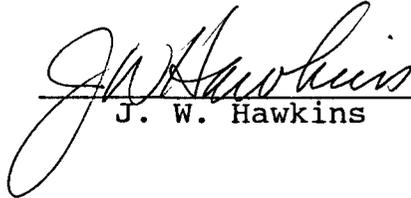
By: _____ Date: _____

VERIFICATION AND AFFIDAVIT

STATE OF COLORADO)
) ss
COUNTY OF DENVER)

J. W. Hawkins, of lawful age, being first duly sworn on his oath, deposes and says:

That he is employed in an engineering capacity by Amoco Production Company in its Denver, Colorado office; that he has been qualified as an expert engineering witness by the New Mexico Oil Conservation Division and his qualifications have been made of record; that Amoco's application for administrative approval for unorthodox location for the Carson Federal D #1 well in the Basin Dakota Pool and the East Blanco Pictured Cliffs Pool, Rio Arriba County, New Mexico was prepared under his direction and supervision; that the matter and things therein set forth are true and correct to the best of his knowledge and beliefs. Copies of the application have been mailed by certified mail to the affected operators.



J. W. Hawkins

Subscribed and sworn to before me this 12th day of August, 1993.



Notary Public

My Commission expires: 4-7-94

Amoco Production Company

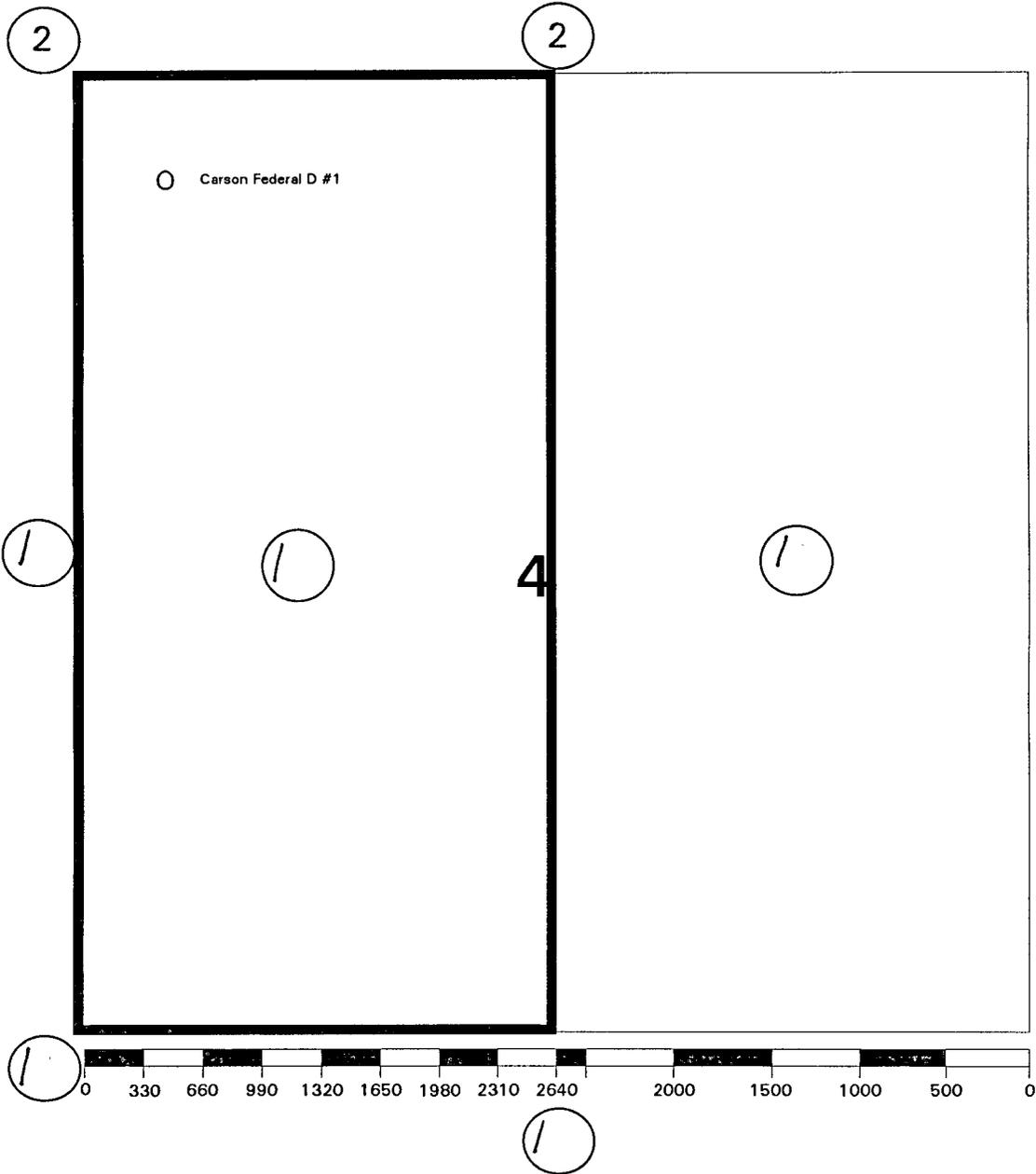
Offset Operator Plat

Carson Federal D #1

Township 29North - Range 4West

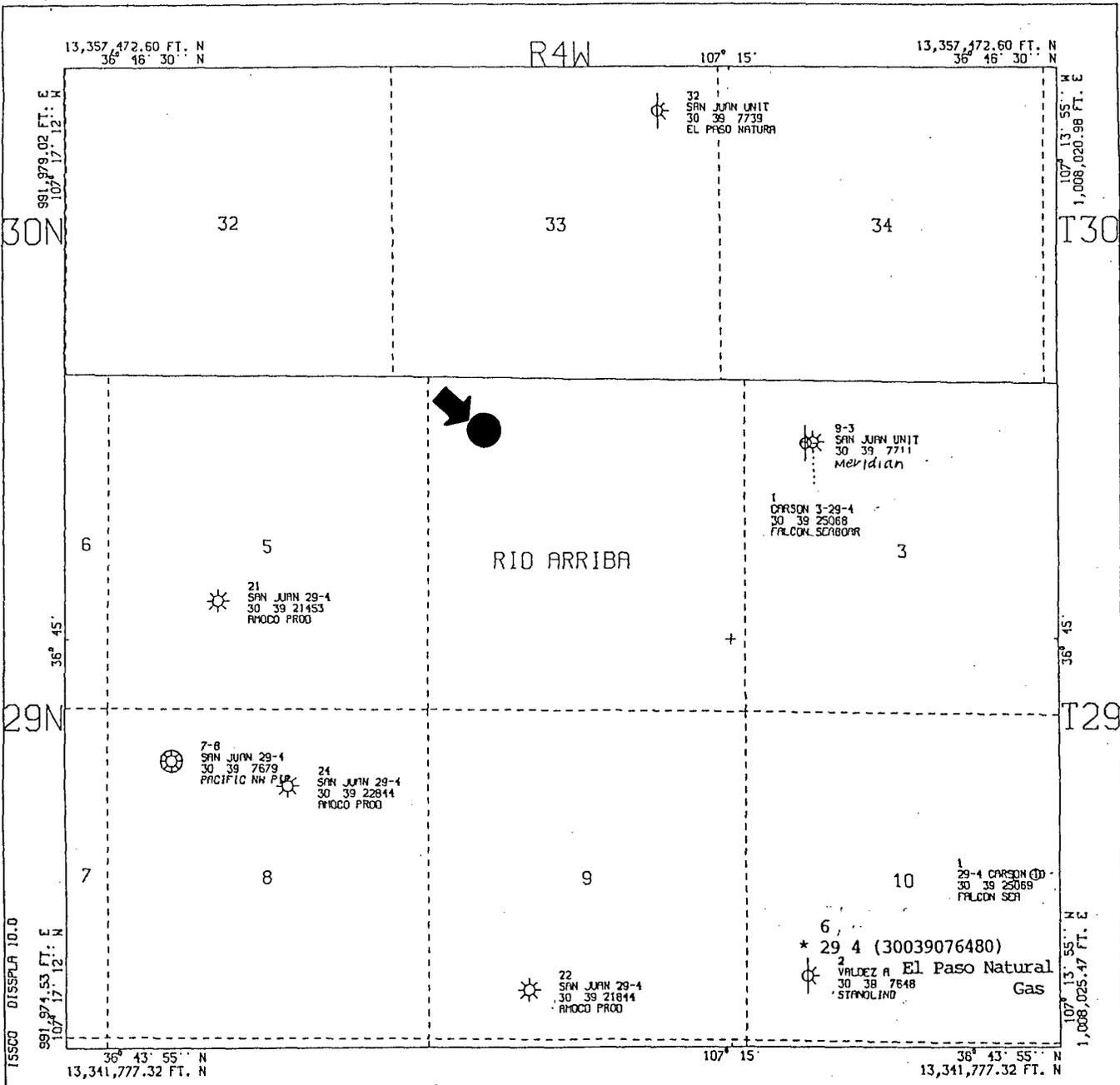
645' FNL, 630' FWL Sec. 4

Basin Dakota and East Blanco Pc ext.



1 Amoco Production Co., P.O. Box 800, Denver, Colorado 80201

2 Meridian Oil Prod., P.O. Box 4289, Farmington, NM 87499



All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

POLYCONIC CENTRAL MERIDIAN - 107° 15' 33" W LONG
 SPHEROID - 6

AMOCO PRODUCTION COMPANY
 CARSON FEDERAL D 1
 SEC 4-T29N-R04W
 SAN JUAN NM
 645' FNL, 630' FWL
 SCALE 1 IN. = 2,000 FT. AUG 5, 1993

HORIZONTAL DATUM NAD27

PLOT 1 11.09.56 THUR 5 AUG, 1993 JOB-PY367702, ISSCO DISPLAY 10.0

RR2176A--RUN#85217110058



United States
Department of
Agriculture

Forest
Service

Jicarilla
Ranger District

Gobernador Route
Blanco, NM 87412

Reply to: 2820

Date: August 4, 1993

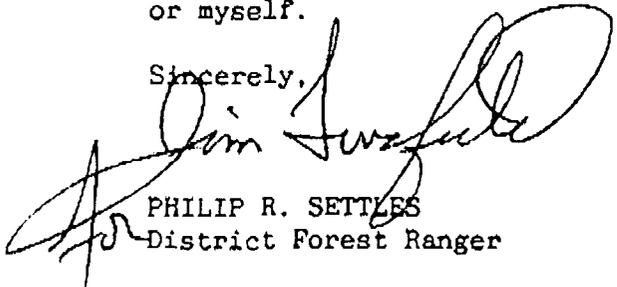
Mr. Don Ellsworth
Bureau of Land Management
1235 La Plata Highway
Farmington, New Mexico 87401

Dear Don:

The 1 Carson Federal D location has been denied due to topography, wildlife concerns and visual quality concerns. The location will need to be restaked. A proposed location was discussed with Amoco's company representative.

If you have any questions, please call 334-2876 and talk to either Jim Tensfield or myself.

Sincerely,


PHILIP R. SETTLES
District Forest Ranger

Bx. 4276

Reference No. 13

restaked. unorthodox

Caring for the Land and Serving People



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

SF-079758-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Carson Federal D #1

9. API Well No.

10. Field and Pool, or Exploratory Area

East Blanco PC ext./Basin Dakota

11. County or Parish, State

Rio Arriba New Mexico

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Amoco Production Company

Attention:

Julie L. Acevedo

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

645FNL 630FWL Sec. 4 T 29N R 4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>Restaked</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company has restaked the subject well. The old location was 800 FNL & 890 FWL, the new location is 645 FNL & 630 FWL, section, township and range did not change.

14. I hereby certify that the foregoing is true and correct

Signed

Julie L. Acevedo

Title

Dr. Staff Assistant

Date

08-11-1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

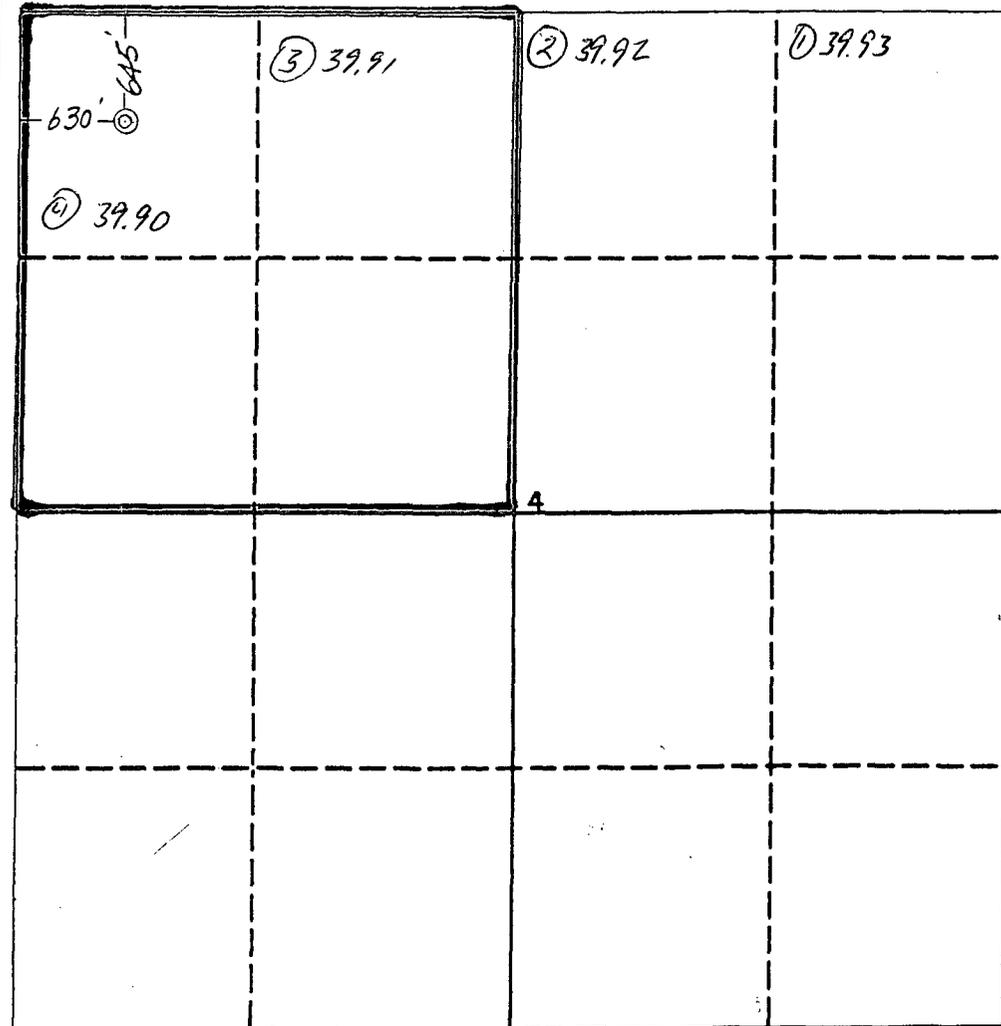
| | | | | | |
|--|--|-----------------------------|---------------------------------------|---|----------------|
| Operator AMOCO PRODUCTION COMPANY | | | Lease Carson Federal D | | Well No. #1 |
| Unit Letter D | Section 4 | Township 29 NORTH | Range 4 WEST | County NMPM RIO ARRIBA | |
| Actual Footage Location of Well: 645 feet from the NORTH line and 630 feet from the WEST line | | | | | |
| Ground level Elev. 7457 | Producing Formation East Blanco P.C. ext. | | Pool East Blanco Pict. Cliffs ext. | Dedicated Acreage: 160 NW/4 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: *Julie L. Acevedo*
 Printed Name: Julie L. Acevedo
 Position: Sr. Staff Assistant
 Company: Amoco Production Company
 Date: 8/11/93

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: July 27, 1993

Signature & Seal of Professional Surveyor: *GARY D. VANN*

Gary D. Vann
 Registered Professional Land Surveyor
 7016

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

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1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

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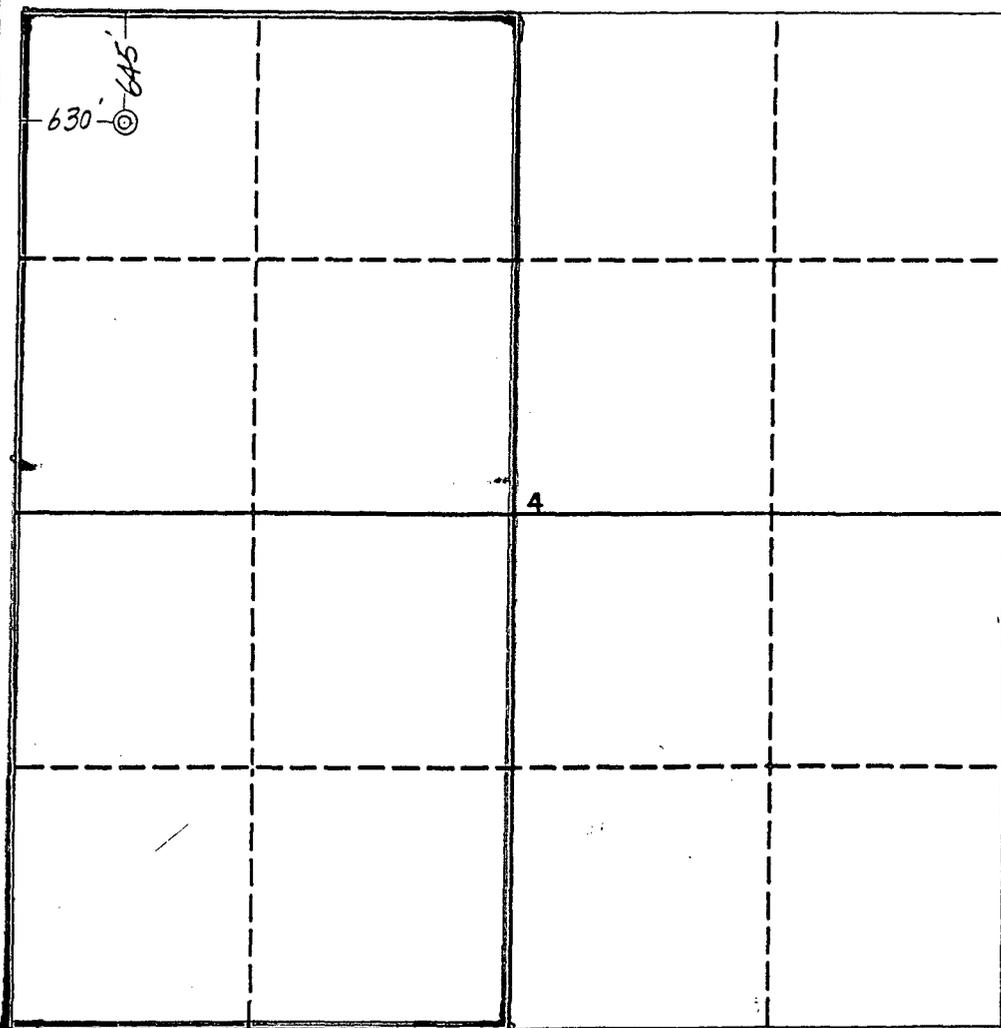
| | | | | | |
|--|-------------------------------------|-----------------------------|---------------------------|--|----------------|
| Operator AMOCO PRODUCTION COMPANY | | | Lease Carson Federal D | | Well No. #1 |
| Unit Letter D | Section 4 | Township 29 NORTH | Range 4 WEST | County NMPM RIO ARRIBA | |
| Actual Footage Location of Well: 645 feet from the NORTH line and 630 feet from the WEST line | | | | | |
| Ground level Elev. 7457 | Producing Formation Basin Dakota | | Pool Basin Dakota | Dedicated Acreage: 320 W/2 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).
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OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Julie L. Acevedo

Printed Name
Julie L. Acevedo

Position
Sr. Staff Assistant

Company
Amoco Production Company

Date
8/11/93

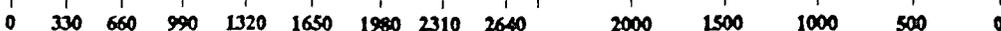
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I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 27, 1993

Signature & Seal of Professional Surveyor
GARY D. VANN

NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016

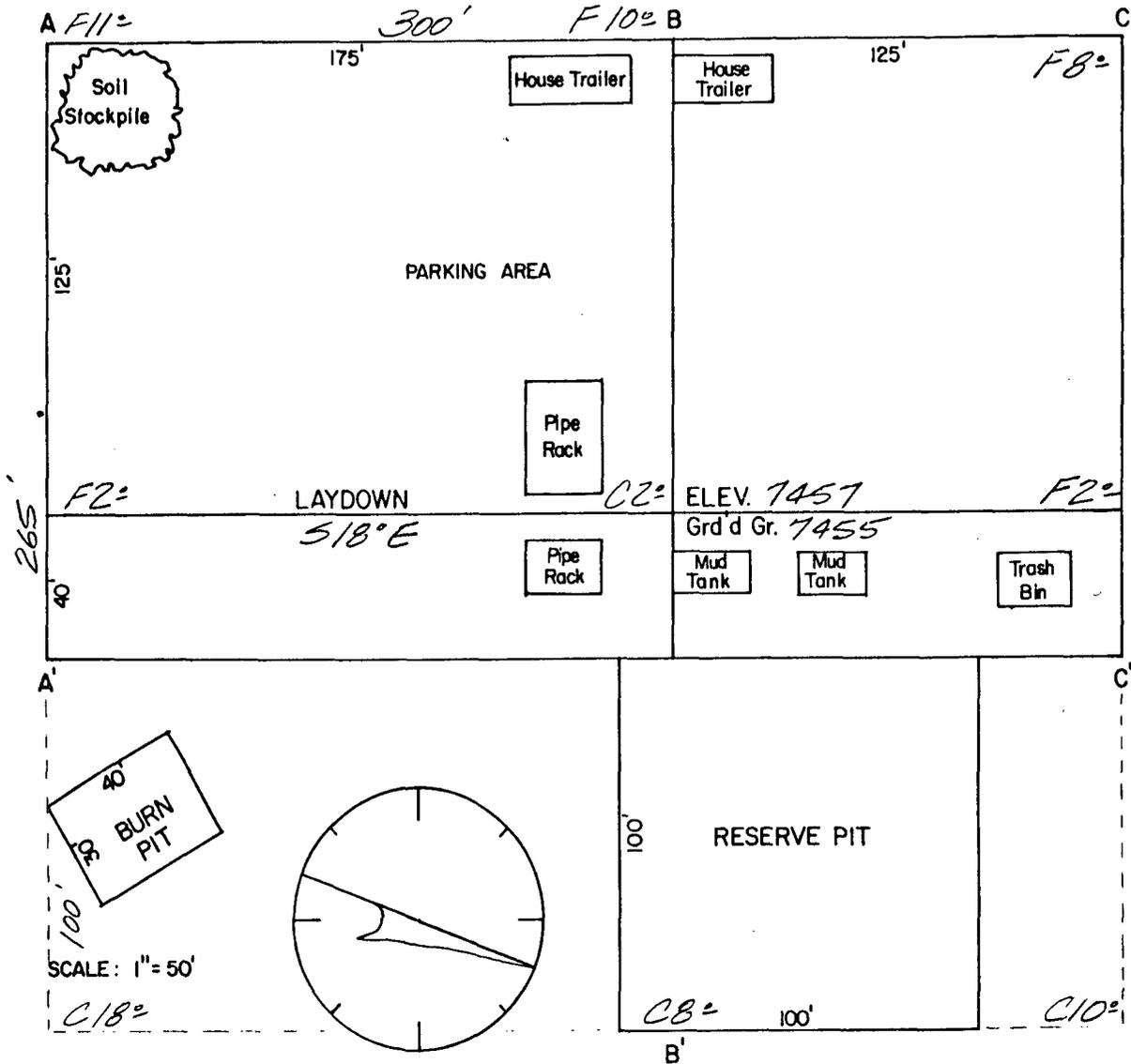
Gary D. Vann
7016



PROFILE FOR

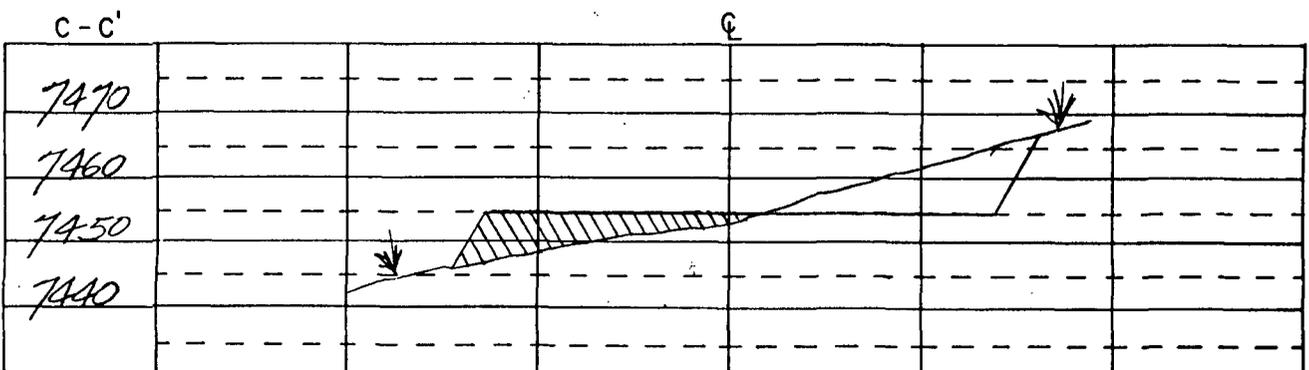
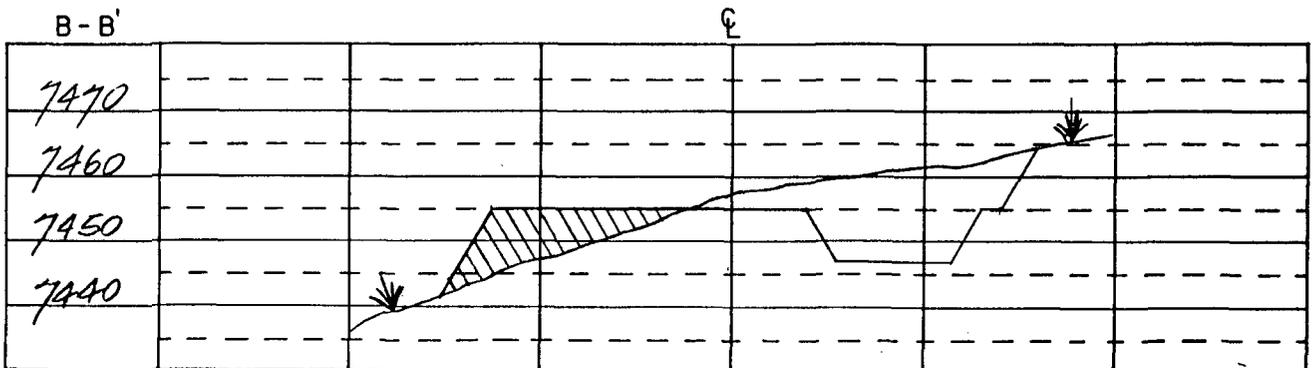
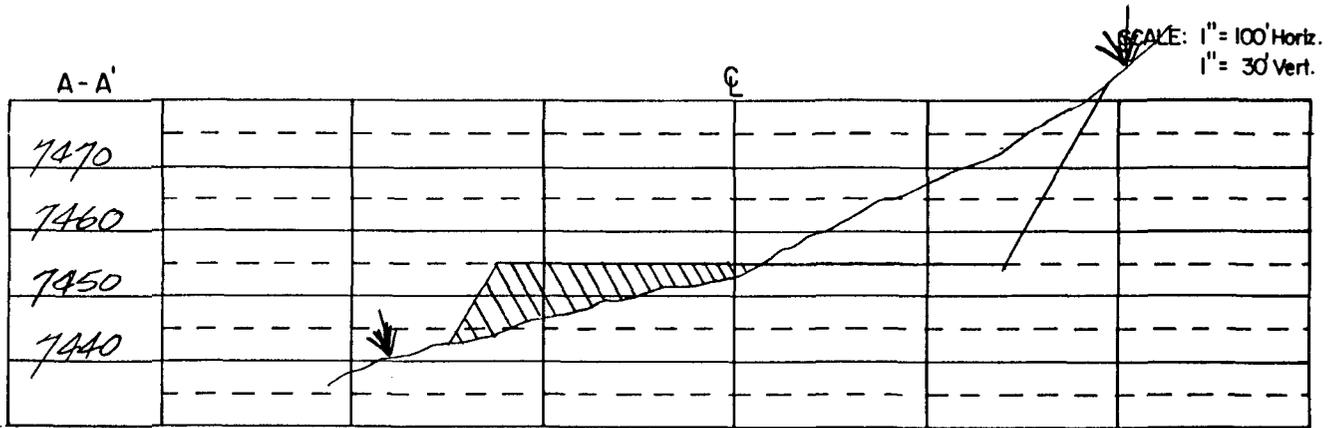
EXHIBIT "D"

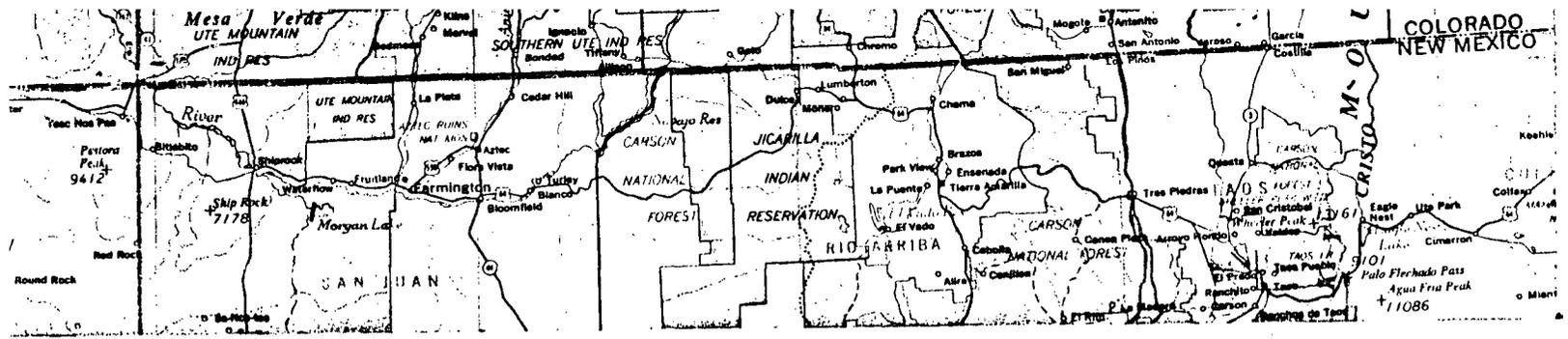
AMOCO PRODUCTION COMPANY
 REF. # 13
 645' F/NL 630' F/WL
 SEC. 4, T29N, R4W, NMPM
 RIO ARRIBA COUNTY, NM



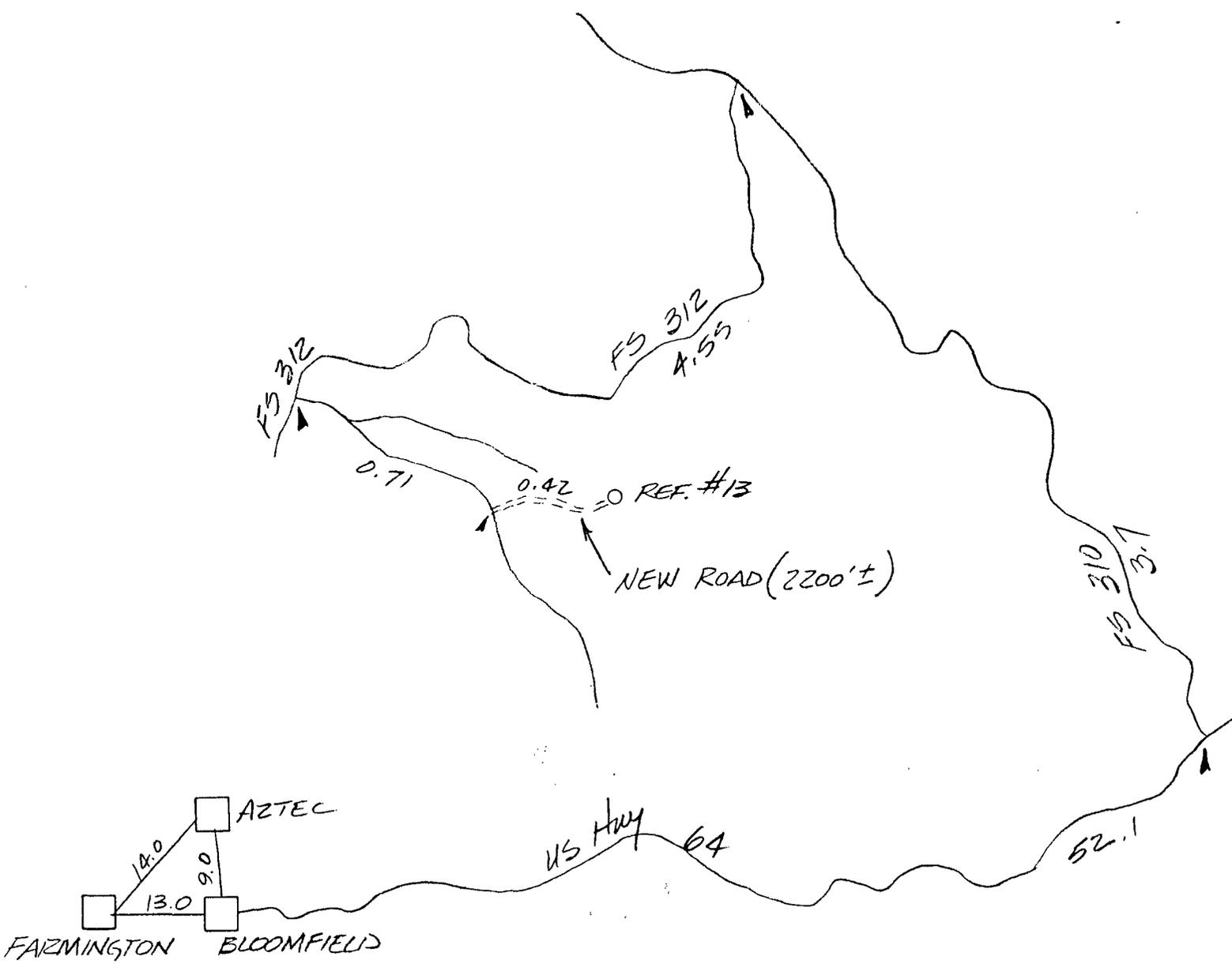
NOTE: Contractor should call 1-800-321-2537 for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least 2 days prior to construction.

AMOCO PRODUCTION COMPANY
 REF. # 13
 645' F/NL 630' F/WL
 SEC. 4, T29N, R4W, NMPM
 RIO ARRIBA COUNTY, NM





REF. # 13
 645' F/NL 630' F/WL
 SEC. 4, T29N, R4W, NMPM
 RAIL POINT:
 MUD POINT:
 CEMENT POINT:





Amoco Production Company

Southern Rockies Business Unit
Amoco Building
1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

SOIL CONSERVATION DIVISION
RECEIVED

'93 AUG 31 AM 10 08



August 12, 1993

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
PO Box 2088
Santa Fe, New Mexico 87504

File: CAW-214-986.511

Application for Unorthodox Location
Carson Federal D #1 Well
NW/4 Section 4-T29N-R4W
Basin Dakota Pool
East Blanco Pictured Cliffs Pool
Rio Arriba County, New Mexico

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Sincerely,

JWH
J. W. Hawkins
JWH/jmc

cc: Lori Arnold

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Rd.
Aztec, NM 87410

WAIVER

Meridian Oil Inc. hereby waives objection to Amoco's application for unorthodox well location for the Carson Federal D #1 Well in the Basin Dakota Pool and East Blanco Pictured Cliffs Pool as proposed above.

By: Linda Doudne Date: 8-26-93
Senior Landman


Amoco Production Company

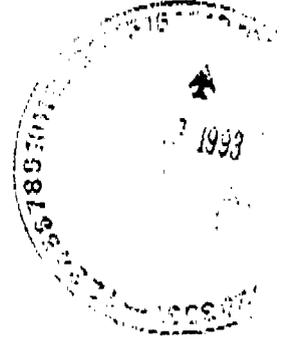
Southern Rockies Business Unit
 Amoco Building
 1870 Broadway
 Post Office Box 800
 Denver, Colorado 80201
 303-830-4040

August 12, 1993

Mr. William J. LeMay, Director
 New Mexico Oil Conservation Division
 PO Box 2088
 Santa Fe, New Mexico 87504

File: CAW-214-986.511

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 Basin Dakota Pool
 East Blanco Pictured Cliffs Pool
Rio Arriba County, New Mexico



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Sincerely,

J. W. Hawkins
 J. W. Hawkins
 JWH/jmc

cc: Lori Arnold

Frank Chavez, Supervisor
 NMOCB District III
 1000 Rio Brazos Rd.
 Aztec, NM 87410

WAIVER

Meridian Oil Inc. hereby waives objection to Amoco's application for unorthodox well location for the Carson Federal D #1 Well in the Basin Dakota Pool and East Blanco Pictured Cliffs Pool as proposed above.

By: *Edna Donohue* Date: 8-26-93
 Senior Landman



STATE OF NEW MEXICO
 OIL CONSERVATION DIVISION
 ENERGY MINERALS and NATURAL RESOURCES DEPARTMENT
 OIL CONSERVATION DIVISION
 AZTEC DISTRICT OFFICE

RECEIVED

AM 12 01

1000 RIO BRAZOS ROAD
 AZTEC, NEW MEXICO 87410
 (505) 334-6178

93 OCT 21 AM 9 10

Date: 9-7-93

NSL-2307
Mike Hogan

Oil Conservation Division
 P.O. Box 2088
 Santa Fe, NM 87504-2088

RE: Proposed MC _____
 Proposed NSL X _____
 Proposed WFX _____
 Proposed NSP _____

Proposed DHC _____
 Proposed SWD _____
 Proposed PMX _____
 Proposed DD _____

Gentlemen:

I have examined the application received on 8-16-93
 for the Prooco OPERATOR Reference #12 LEASE & WELL NO.

H-4-29N-04W and my recommendations are as follows:
 UL-S-T-R

Approve

RECEIVED
 OCT 7 1993
 OIL CON. DIV. I
 DIST. 3

Yours truly,

10/6/93

Ernie Bunch

Ernie

Mike,
my mistake, this should
be the Carson FED H #1
well and it has been
approved for NSL so just throw this away @

application. Could you send
your copy. Thanks,
Mike Hogan



STATE OF NEW MEXICO
 OIL CONSERVATION DIVISION
 ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
 OIL CONSERVATION DIVISION
 AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
 AZTEC, NEW MEXICO 87410
 (505) 834-6178

NSL-3307
Attn: Mike Sfogner

Date: 9-7-93

Oil Conservation Division
 P.O. Box 2088
 Santa Fe, NM 87504-2088

RE: Proposed MC _____
 Proposed NSL ✓ _____
 Proposed WFX _____
 Proposed NSP _____

Proposed DHC _____
 Proposed SWD _____
 Proposed PMX _____
 Proposed DD _____

Gentlemen:

I have examined the application received on 8-18-93
 for the Amoco OPERATOR Carson Fed Q#1 LEASE & WELL NO.

D-4-29N-04W and my recommendations are as follows:
 UL-S-T-R

Approve

Yours truly,

Erica B...