



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

'93 AUG 16 AM 9 59

August 12, 1993

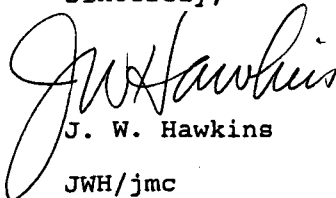
Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
PO Box 2088
Santa Fe, New Mexico 87504

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.

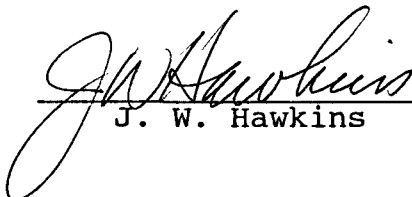
By: _____ Date: _____

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

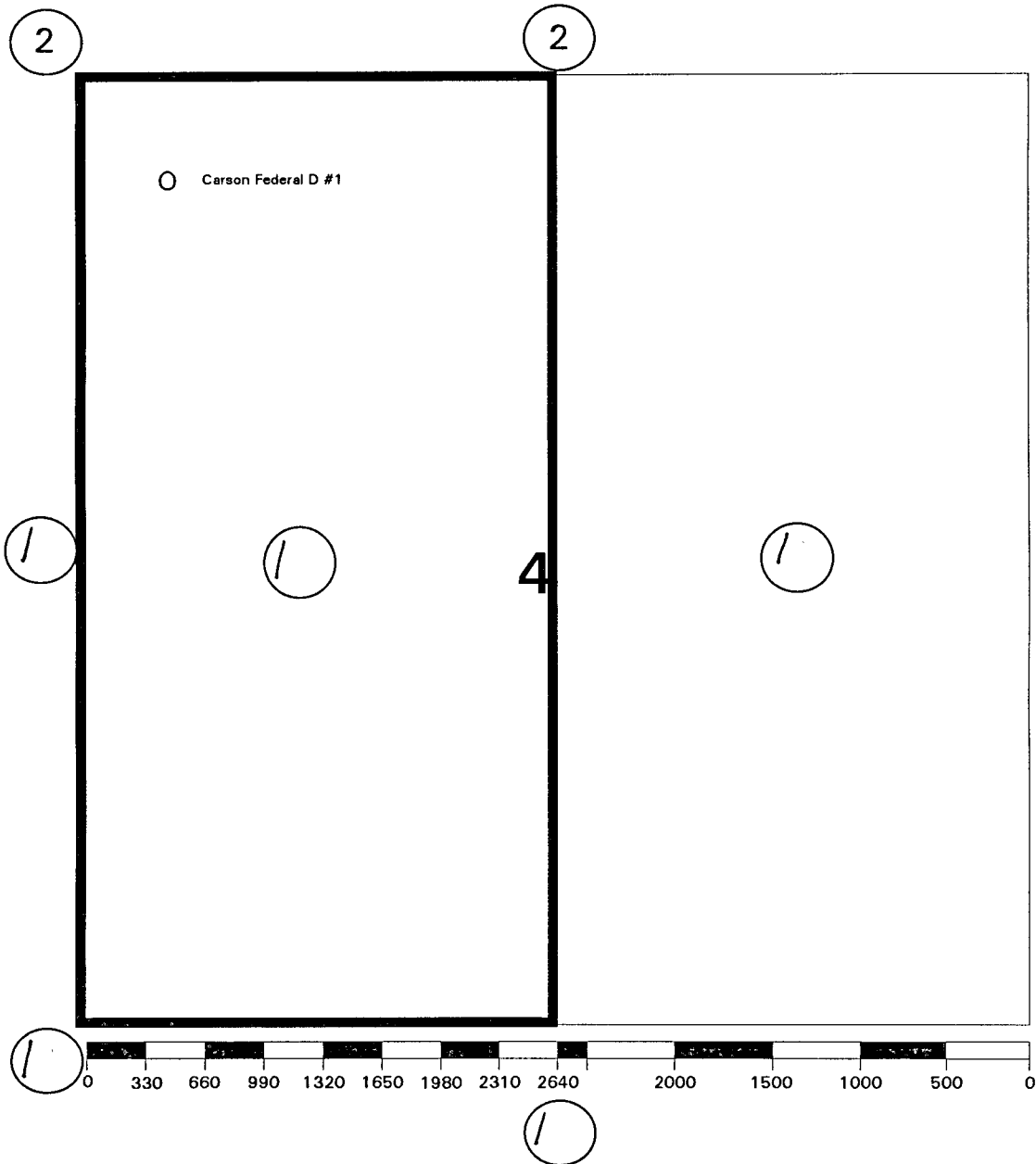
Offset Operator Plat

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



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

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Restaked

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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

Staff Assistant

Date

08-11-1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

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

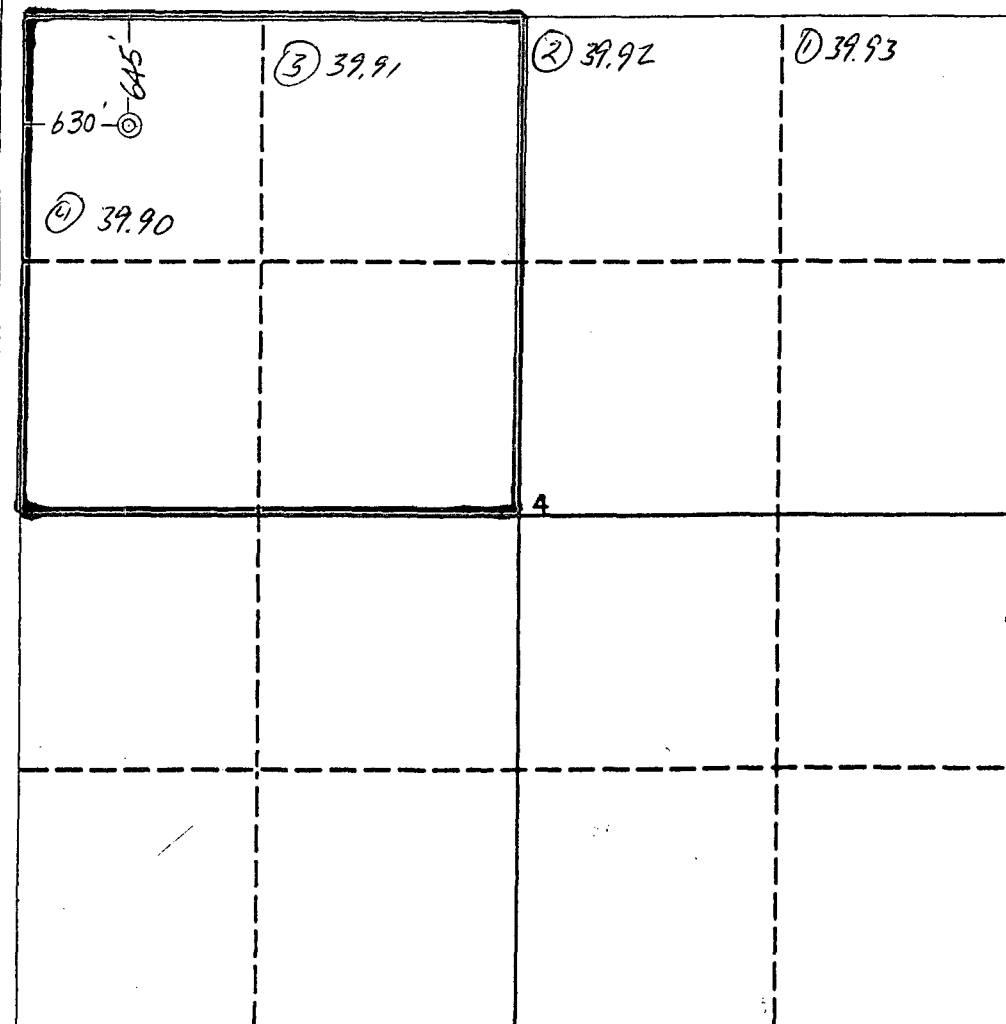
All Distances must be from the outer boundaries of the section

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**
Professional Surveyor **7016**
Certification **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

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

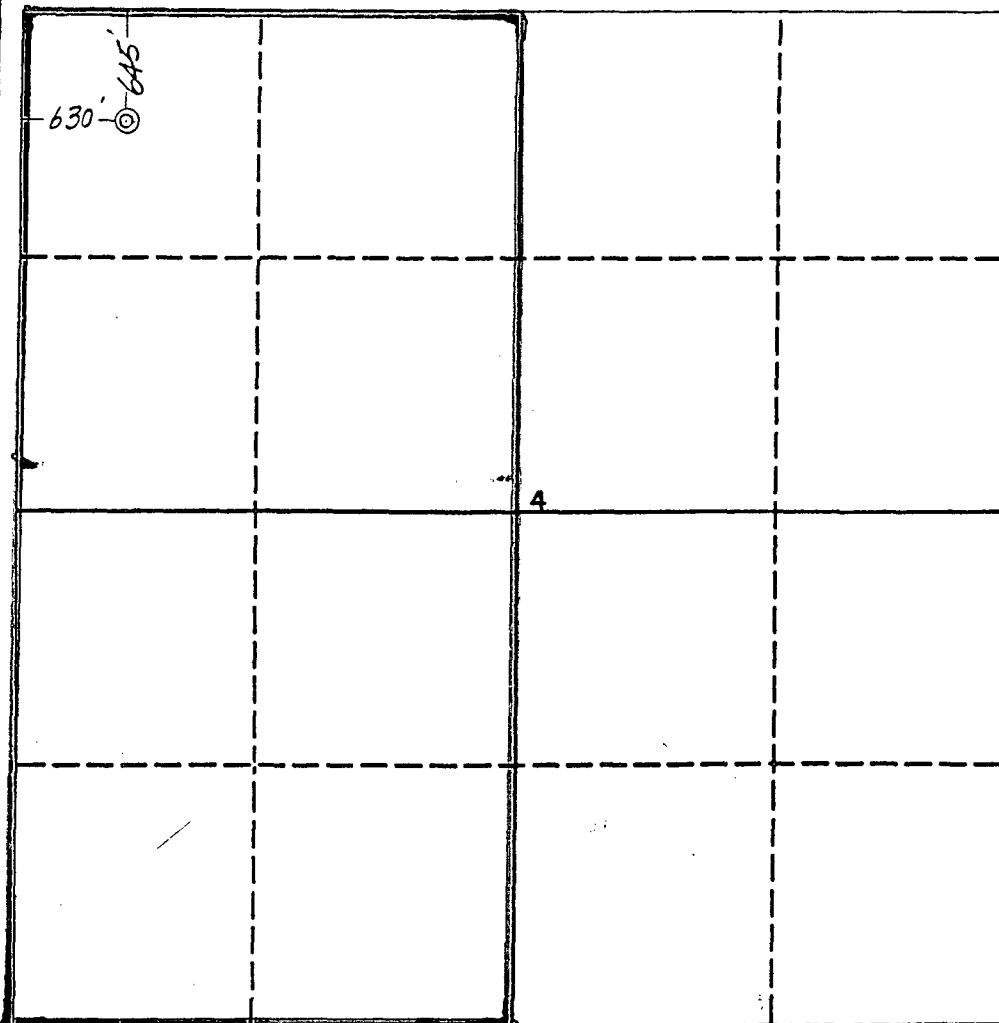
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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 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).
- 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).
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OPERATOR CERTIFICATION

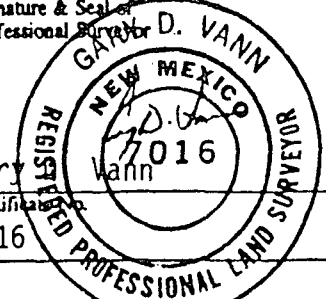
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature *Julie L. Acevedo*
Printed Name **Julie L. Acevedo**
Position **Sr. Staff Assistant**
Company **Amoco Production Company**
Date **8/11/93**

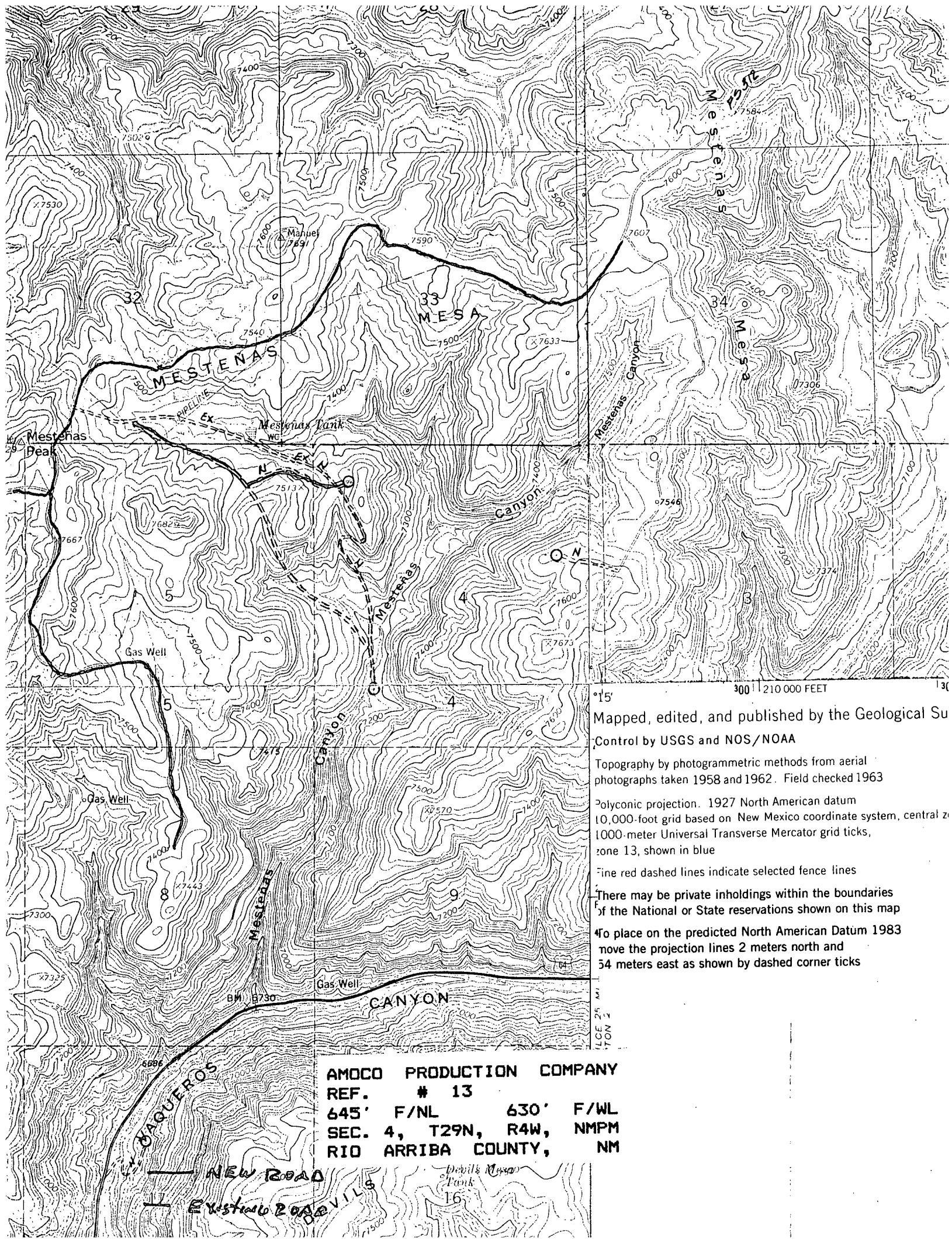
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I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **July 27, 1993**
Signature & Seal of Professional Surveyor **GARY D. VANN**
Certification No. **7016**



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



15' 300 1210 000 FEET

Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial
photographs taken 1958 and 1962. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

Fine red dashed lines indicate selected fence lines

There may be private inholdings within the boundaries
of the National or State reservations shown on this map

To place on the predicted North American Datum 1983
move the projection lines 2 meters north and
54 meters east as shown by dashed corner ticks

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

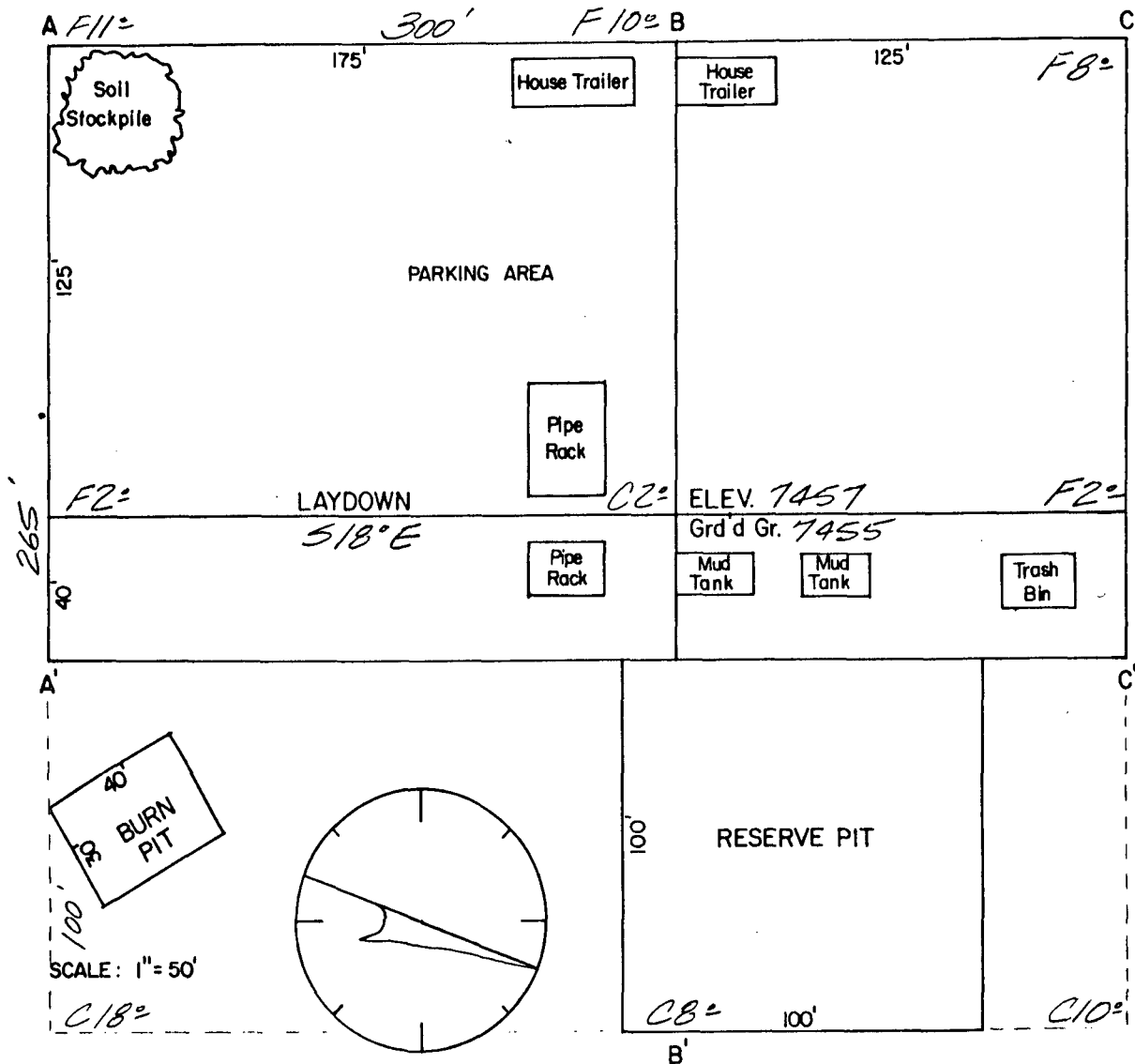
NEW ROAD
EXISTING ROAD

Devils Mesa
Tank
16

PROFILE FOR

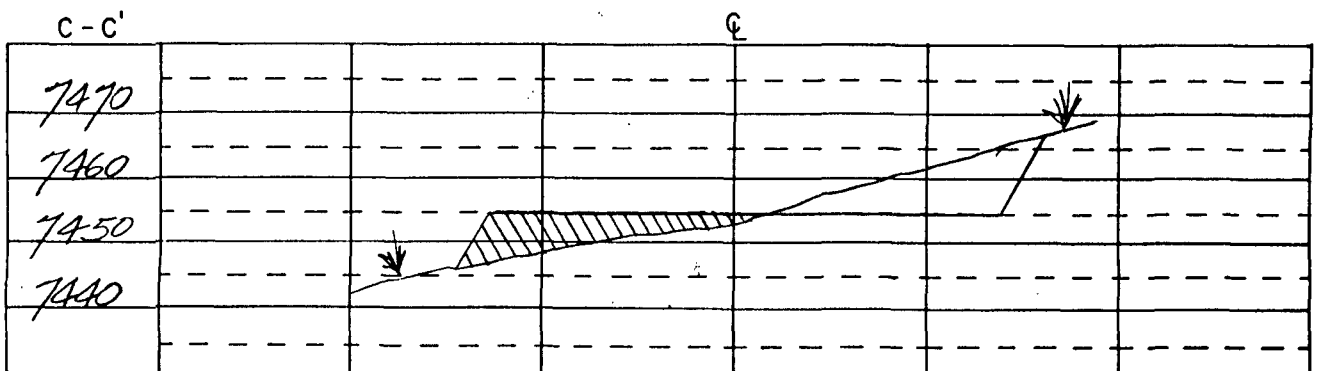
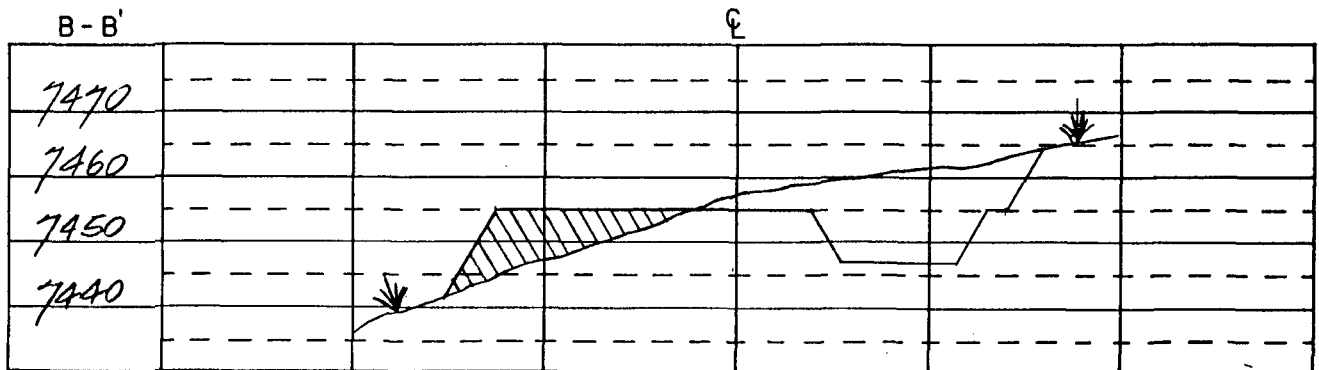
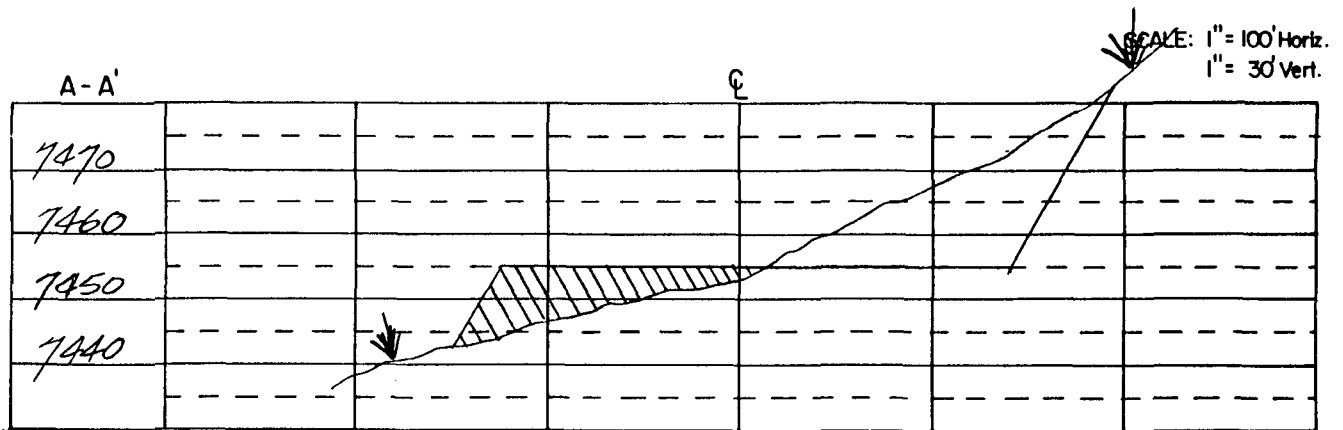
EXHIBIT "D"

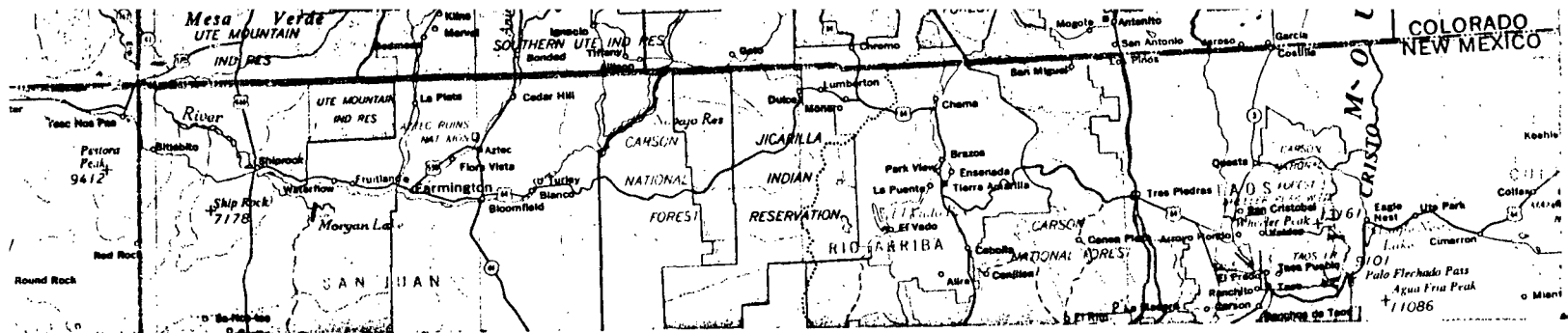
AMOCO PRODUCTION COMPANY
REF. # 13
645' F/NL 630' F/WL
SEC. 4, T29N, R4W, NMPM
RIO ARriba COUNTY, NM



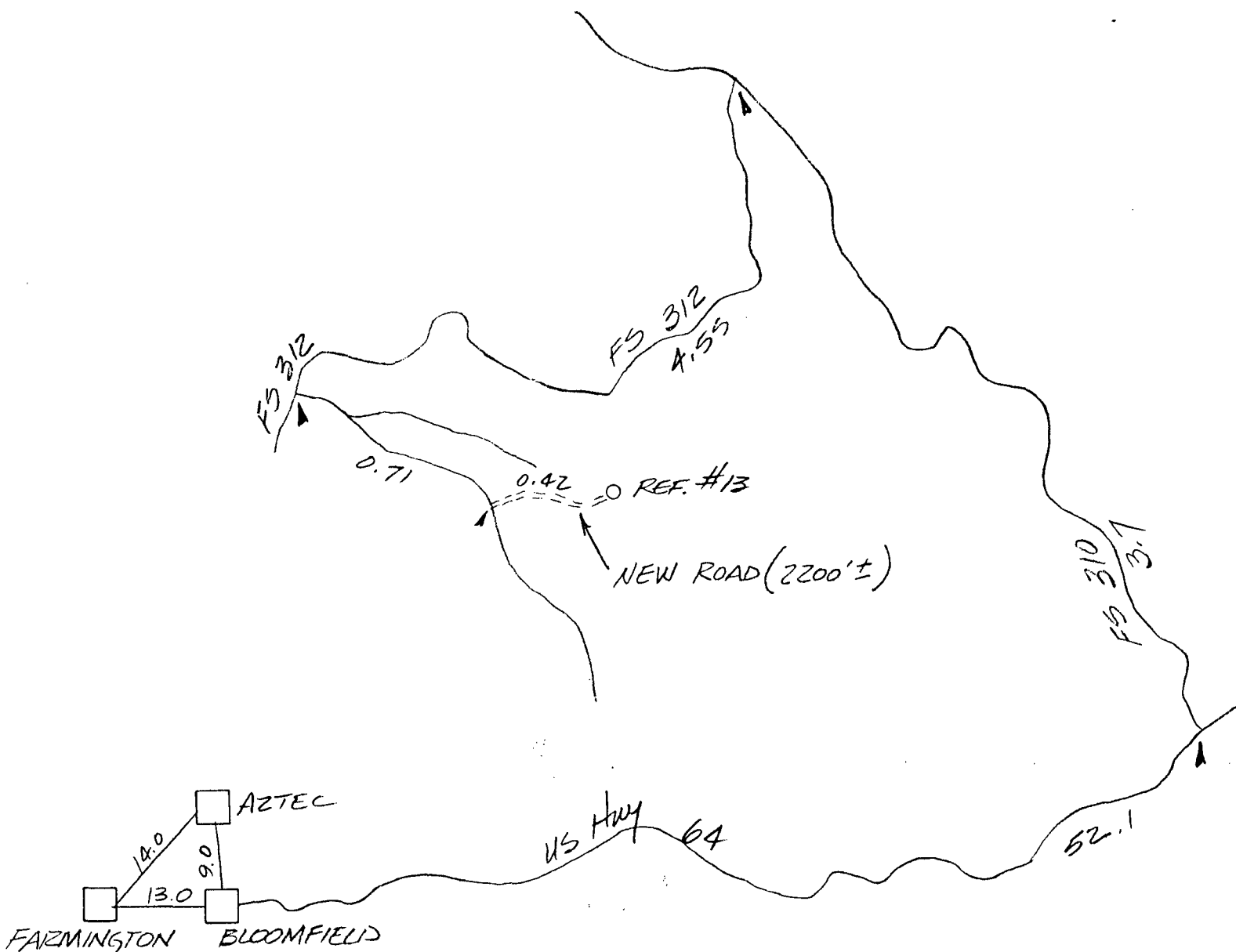
NOTE: Contractor should call 1-800-321-2537 for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least 2 days prior to construction.

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
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Post Office Box 800
Denver, Colorado 80201
303-830-4040

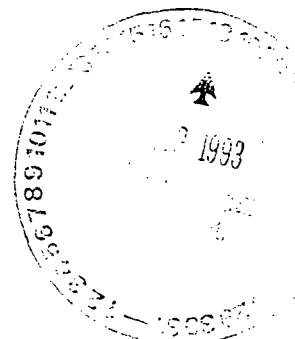
RECEIVED
OIL CONSERVATION DIVISION
'93 AUG 31 AM 10 08

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 Douthett* Date: 8-26-93
Senior Landman

AUG 31

07:39AM AMOCO PRODUCTION 1141

AUG 20 1993

10:17 NO. 113/3P U4

**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

Application for Unorthodox Location
Carson Federal D #1 Well
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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: *Edwina Donohue*
Senior Landman

Date: 8-26-93



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

RECEIVED
93 OCT 21 AM 9 10

AM 12 01

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

Date: 9-7-93

NSL-2307

Mike Stogner

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 Amoco 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 Borch

Ernie

I've never run this

*Mike,
my mistake, this should be the Carson FED H #1 application. Could you send your copy. Thanks,
well and it has been approved for NSL so just throw this away @*

M. Stogner

@



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) 334-6178

Date: 9-7-93

NSL-3307

Attn: Mike Sfogner

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...