

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

Form approved.
Budget Bureau No.1004-0136
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
SF-080597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
B491 Arnold Federal A #1

9. API WELL NO.
30-045-28959

10. FIELD AND POOL, OR WILDCAT
71599 Basin Dakota, Wildcat PC EXT

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
D Section 27

Township 30N Range 8W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

1a. TYPE OF WORK

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER

DRILL ☐

DEEPEN ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Amoco Production Company 778

Attention:

Lori Arnold

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

960

FNL

1190

FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20.17 Miles from Aztec, NM.

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

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

16. NO. OF ACRES IN LEASE

2549.29

17. NO. OF ACRES ASSIGNED TO THIS WELL

320 W/2 & 160 NW/4

19. PROPOSED DEPTH

7382'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (In feet, above sea level)

5879' GR This action is subject to technical and procedural review pursuant to 43 CFR 3165.3

23. and appeal pursuant to 43 CFR 3165.4

22. APPROX. DATE WORK WILL START*

ASAP

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9 5/8" K-55	36#	400'	316 cf C1 B (cement to surf)
8 3/4"	7" K-55	23#	2922'	804 cf C1 B (cement to surf)
6 1/4"	4 1/2" N-80	11.6#	7500'-2941'	781 cf C1 B

Notice of Staking was submitted 4/27/93.

7382-2822

Lease Description: T30N-R8W

Sec 26-E/2, SW/4, E/2NW/4, SW/4NW/4

Sec 27-SE/4NE/4, W/2NE/4, NW/4, S/2

Sec 28-All

Sec 29-Lots 1(33.93), 8(35.36) being E/2NE/4

Sec 33-All

CONFIDENTIAL

RECEIVED

JUN 7 1993

OIL CON. DIV. I
DIST. ?

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

24.

SIGNED

Lori Arnold

TITLE Business Analyst

DATE

05-03-1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

JUN 0 1 1993

DISTRICT MANAGER

*See Instructions On Reverse Side

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.

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

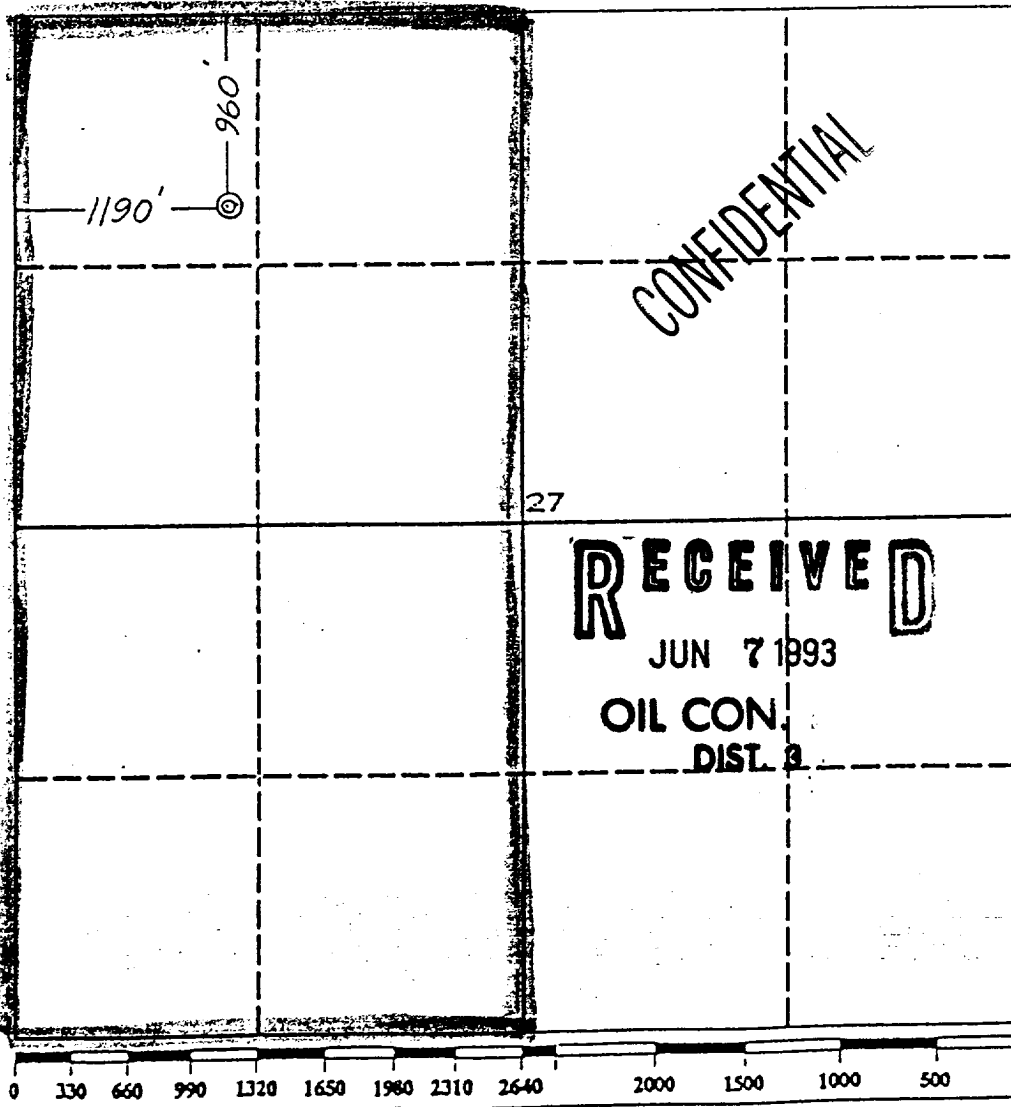
All Distances must be from the outer boundaries of the section

RECEIVED
BLM

COM - 5 AM 9:35

Operator AMOCO PRODUCTION COMPANY			Lease Arnold Federal A		Well No. 1
Unit Letter D	Section 27	Township 30 NORTH	Range 8 WEST	County SAN JUAN	
Actual Footage Location of Well: 960 feet from the NORTH line and 1190 feet from the WEST line					
Ground level Elev. 5879	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 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
Lori Arnold

Printed Name
Lori Arnold

Position
Business Analyst

Company
Amoco Production Co.

Date
4/27/93

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
March 4, 1993

Signature & Seal of Professional Surveyor

GARY D. VANN
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016
Gary Vann
7016

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

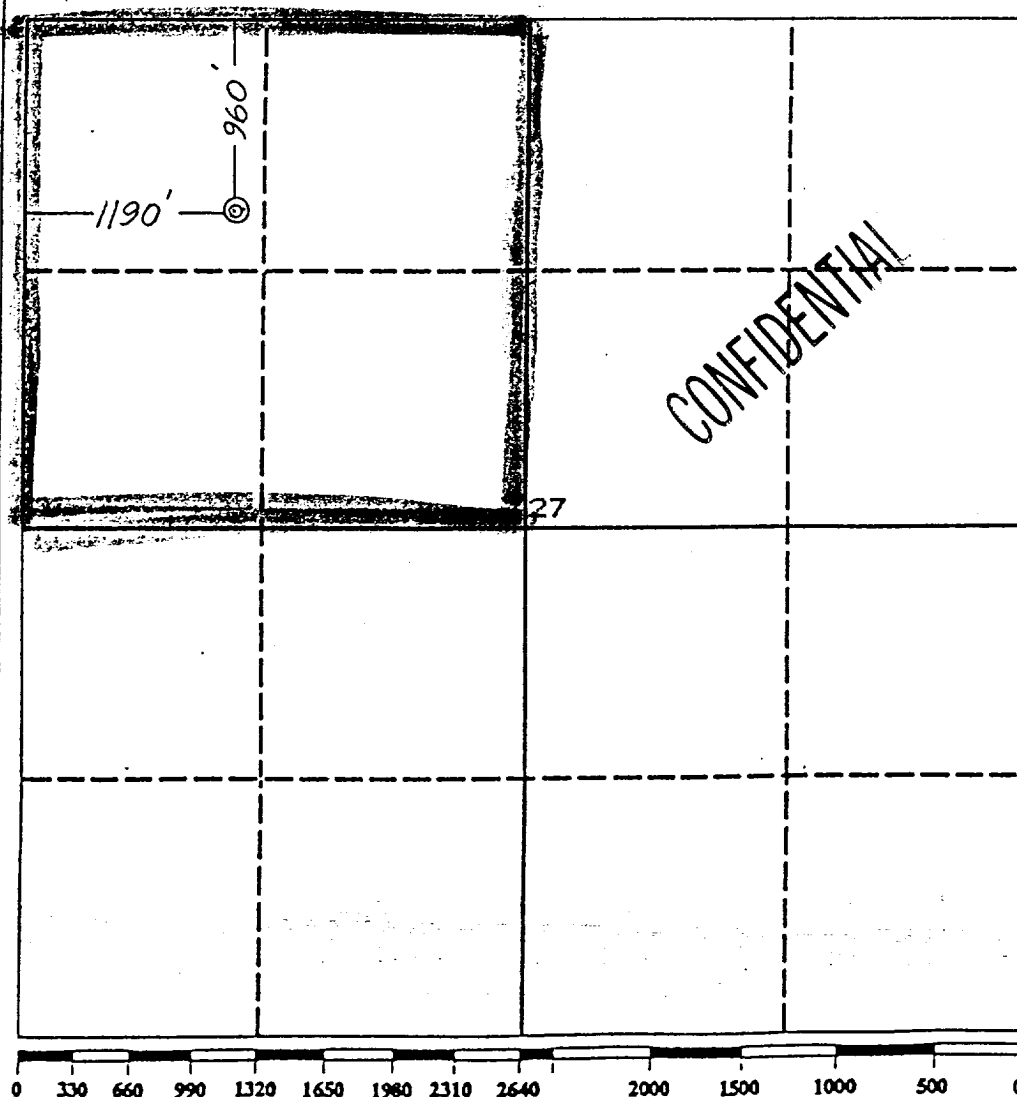
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease Arnold Federal A		Well No. 1
Unit Letter D	Section 27	Township 30 NORTH	Range 8 WEST	County NMPM	SAN JUAN
Actual Footage Location of Well: 960 feet from the NORTH line and 1190 feet from the WEST line					
Ground level Elev. 5879	Producing Formation Wildcat PC	Pool Blanco EXT Wildcat PC		Dedicated Acreage: 160 NW/4 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 _____
 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.

Lori Arnold
Signature

Lori Arnold
Printed Name

Business Analyst
Position

Amoco Production Co.
Company

4/27/93
Date

Date

SURVEYOR CERTIFICATION

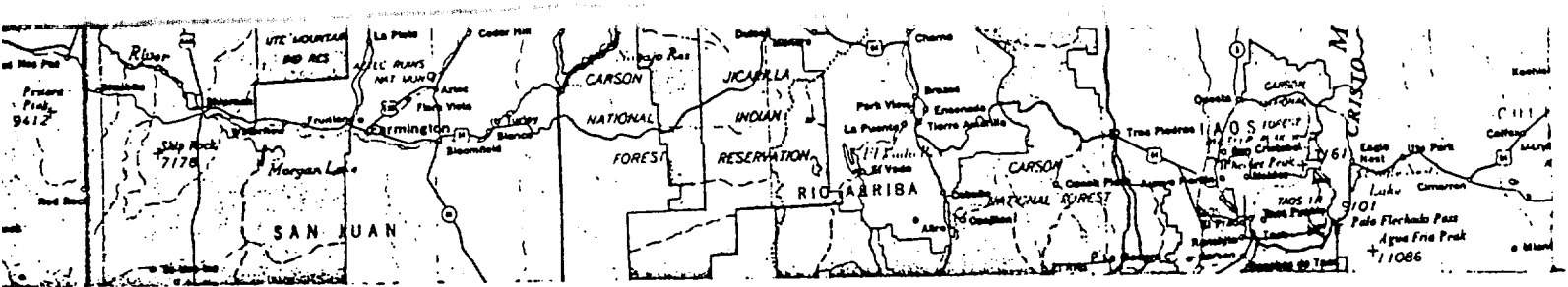
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

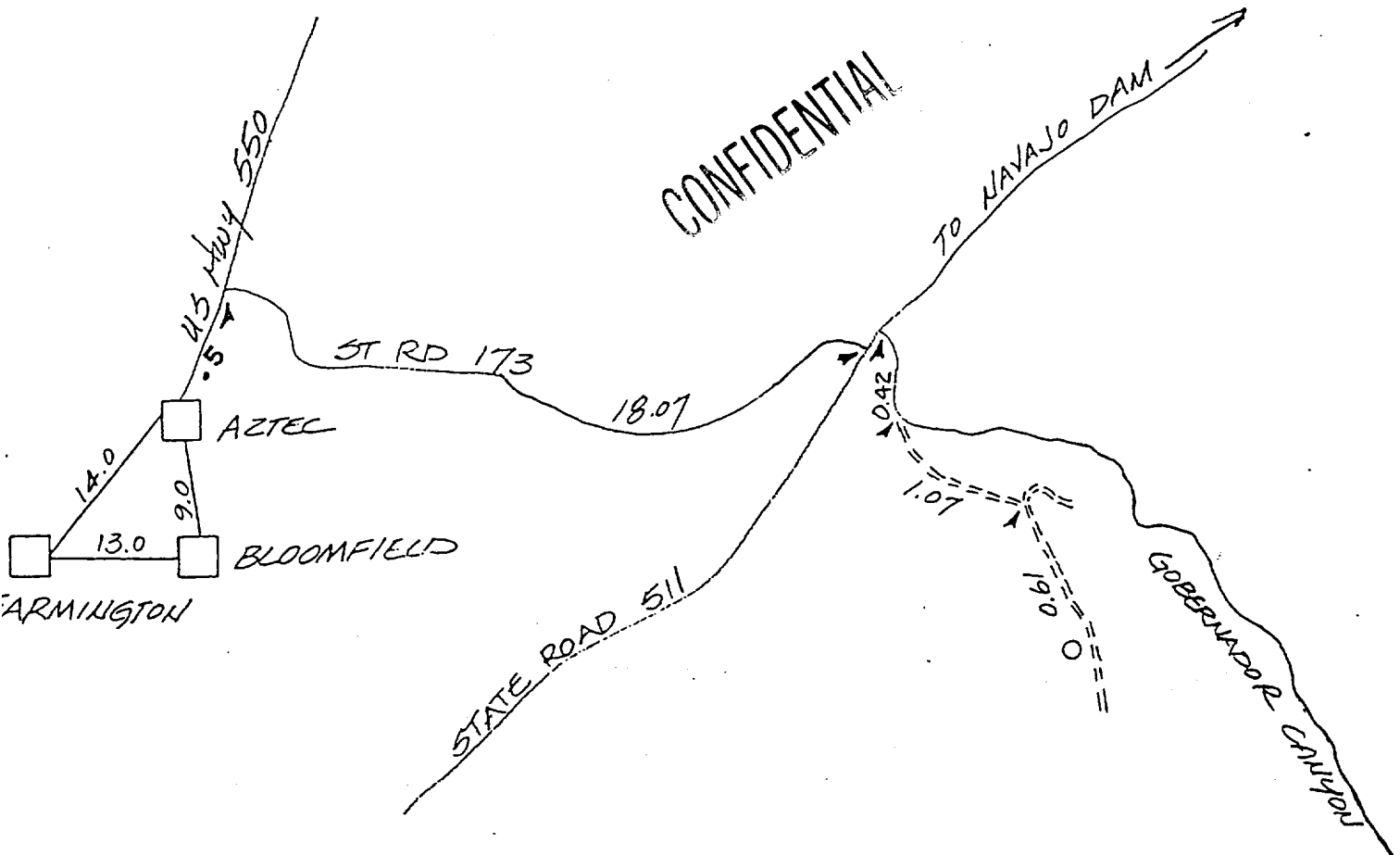
March 4, 1993

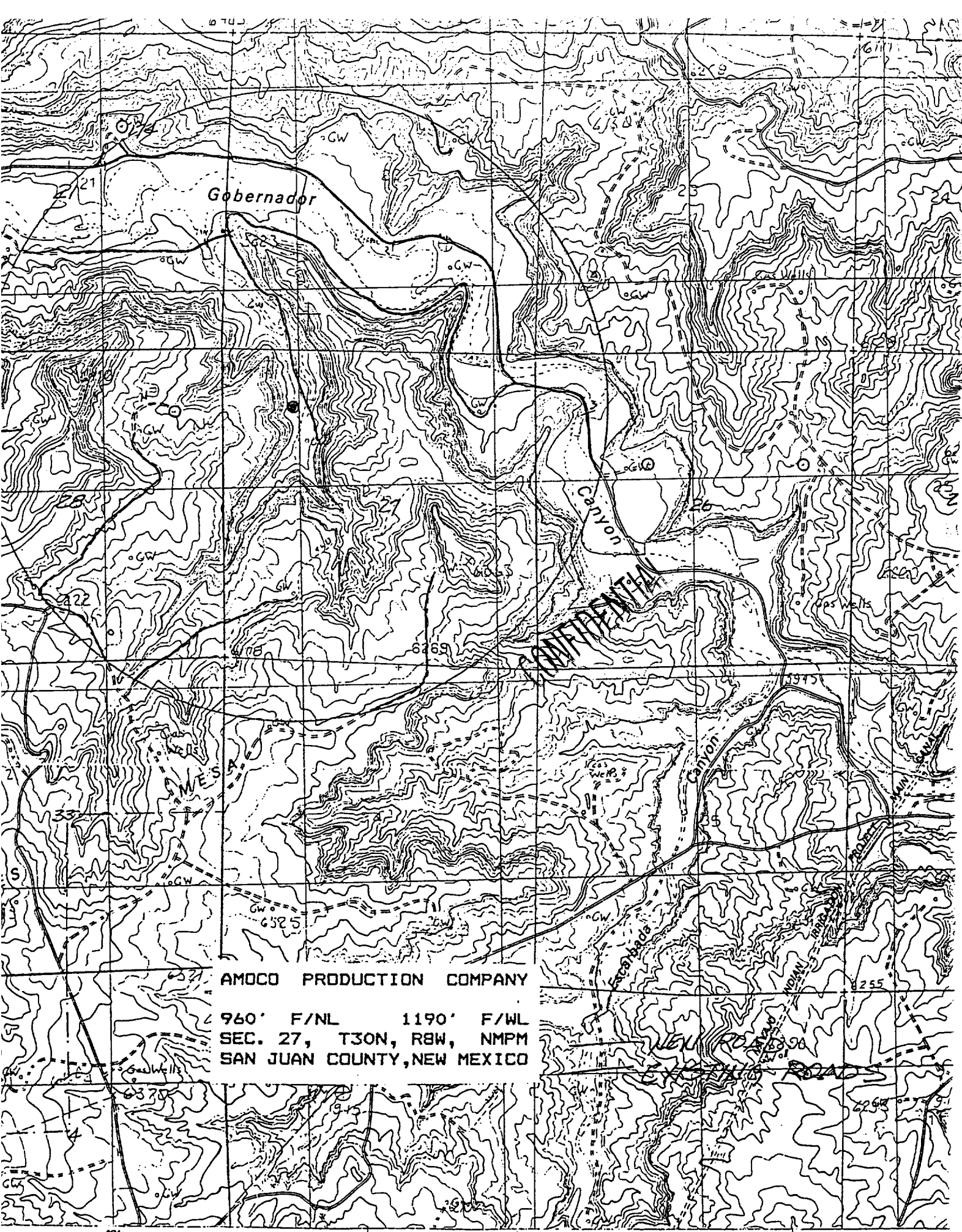
Signature & Seal of
Professional Surveyor

Gary D. Vann
GARY D. VANN
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016
Gary Vann
7016



0' F/NL 1190' F/WL
 C. 27, T30N, RBW, NMPM
 SAN JUAN COUNTY, NEW MEXICO
 IL POINT: 162.67 miles from Montrose, CO.
 D POINT: 20.17 miles from Aztec, NM
 MENT POINT: 34.17 miles from Farmington, NM.





Gobernador

Canyon

Canyon

MESAS

AMOCO PRODUCTION COMPANY

960' F/NL 1190' F/WL
SEC. 27, T30N, R8W, NMPM
SAN JUAN COUNTY, NEW MEXICO

CONFIDENTIAL

CANYON

261

40'

263

264

265000-E