

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

1a. TYPE OF WORK b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		2. NAME OF OPERATOR Amoco Production Company 778 ✓ Attention: Deanne Tallant		5. LEASE DESIGNATION AND SERIAL NO. SF-079290-A	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201 (303) 830-5427		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1060' FNL 820' FEL At proposed prod. zone		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 40 miles from Aztec, N.M.		15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		7. UNIT AGREEMENT NAME	
16. NO. OF ACRES IN LEASE 960		17. NO. OF ACRES ASSIGNED TO THIS WELL E/2 1320		8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit #428	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 3629' TD		9. API WELL NO. 30-039-25392	
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR., etc.) 6682' GR		10. FIELD AND POOL, OR WILDCAT Fruitland Coal 71629	
22. APPROX. DATE WORK WILL START* 04-05-94		23. PROPOSED CASING AND CEMENTING PROGRAM		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23 Township 28N Range 7W	
24. 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, deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.		25. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"		12. COUNTY OR PARISH Rio Arriba	
13. STATE New Mexico		16. NO. OF ACRES IN LEASE 960		17. NO. OF ACRES ASSIGNED TO THIS WELL E/2 1320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 3629' TD		20. ROTARY OR CABLE TOOLS Rotary	
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27. QUANTITY OF CEMENT 986 cf CI B 50/50 POZ		28. QUANTITY OF CEMENT 233 cf CI B W/2% CaCl (Cement to surface)		29. QUANTITY OF CEMENT 986 cf CI B 50/50 POZ	

The subject well will be drilled for use as an injection well, for a period of 3-5 years, as part of the San Juan 28-7 Unit Nitrogen Injection Project. After the injection period the well will be converted to a Fruitland Coal producer.

Notice of Staking submitted: 03/17/94 as the San Juan 28-7 #428

Lease Description: T28N - R7W
Sec 13: W/2
Sec 23: E/2
Sec 24: E/2

RECEIVED
APR 27 1994
OIL CON. DIV.
DIRE

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED
APR 28 1994
CONFIDENTIAL
070 FATHMAN
BLVD

24. 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, deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED _____ TITLE Staff Assistant DATE 03-24-1994
(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 thereunder.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____
APPROVED AS AMENDED
APR 20 1994

*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, false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill or deepen an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the operator elects to initiate drilling operation on an oil and gas lease.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0136), Washington, D.C. 20503.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling operations on an oil and gas lease.

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form O-100
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

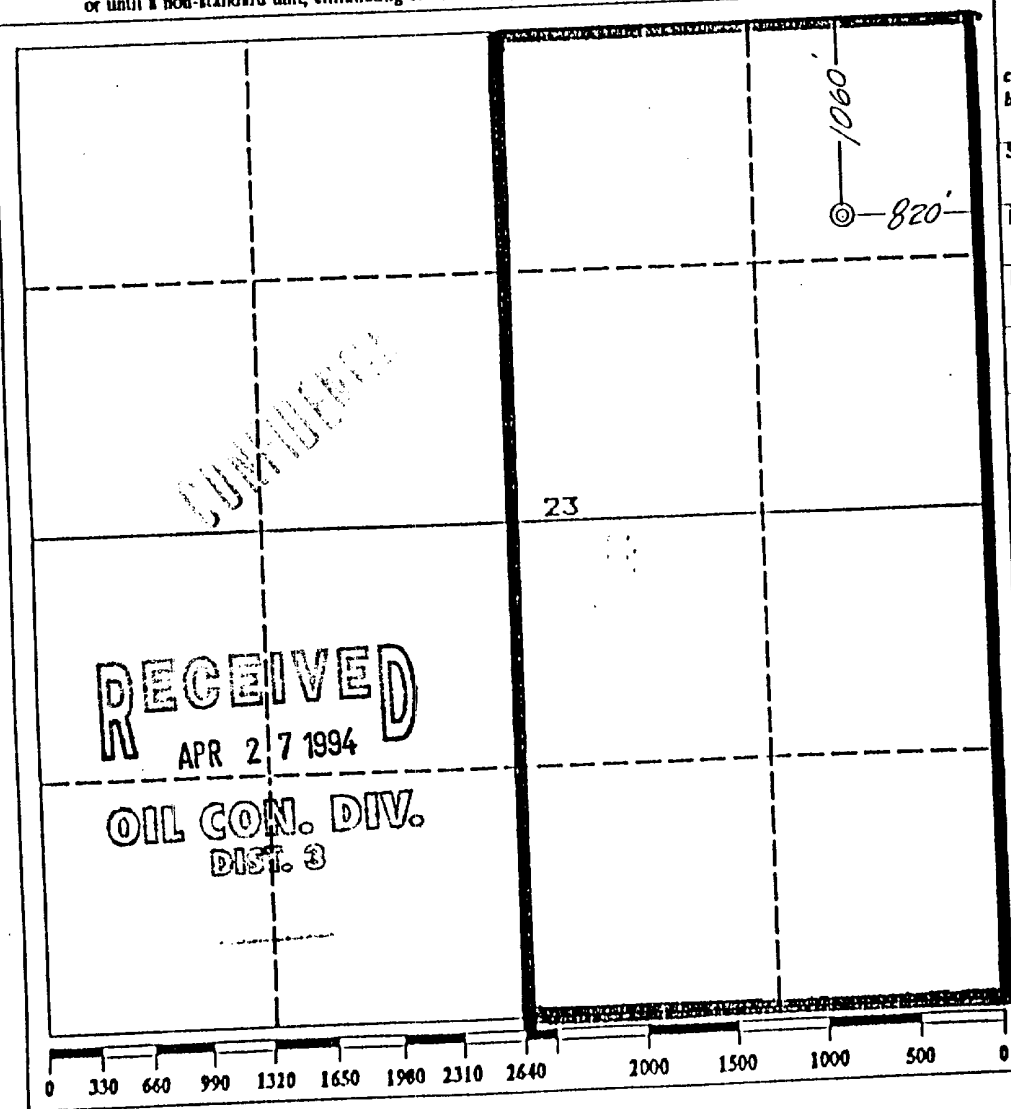
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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 San Juan 28-7 Unit		Well No. #428
Unit Letter A	Section 23	Township 28 NORTH	Range 7 WEST	County NMPM	RIO ARRIBA
Actual Footage Location of Well: 1060 feet from the NORTH line and 820 feet from the EAST line					
Ground level Elev. 6682	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 1/2 320 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>					



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

Signature
DeAnne Tallant
Printed Name
DeAnne Tallant
Position
Staff Assistant
Company
Amoco Production Company
Date
Mar. 17, 1994

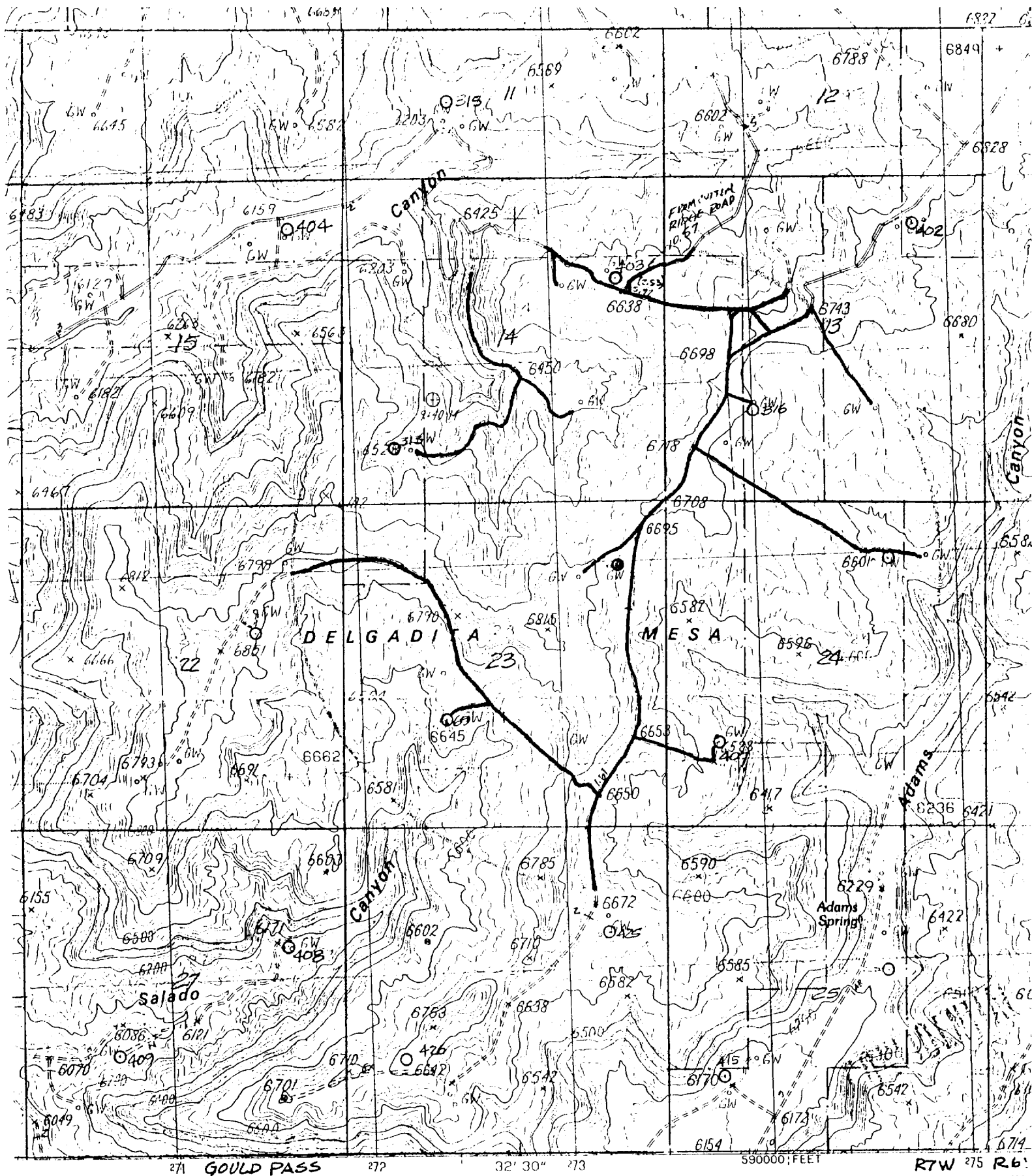
SURVEYOR CERTIFICATION

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.

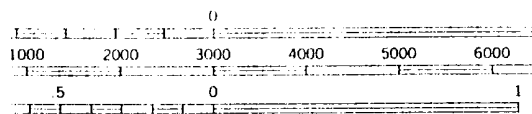
Date Surveyed
June 24, 1993

Signature & Seal of
Professional Surveyor

GARY D. VANN
7016
GARY
7016
REGISTERED PROFESSIONAL LAND SURVEYOR



SCALE 1:24 000

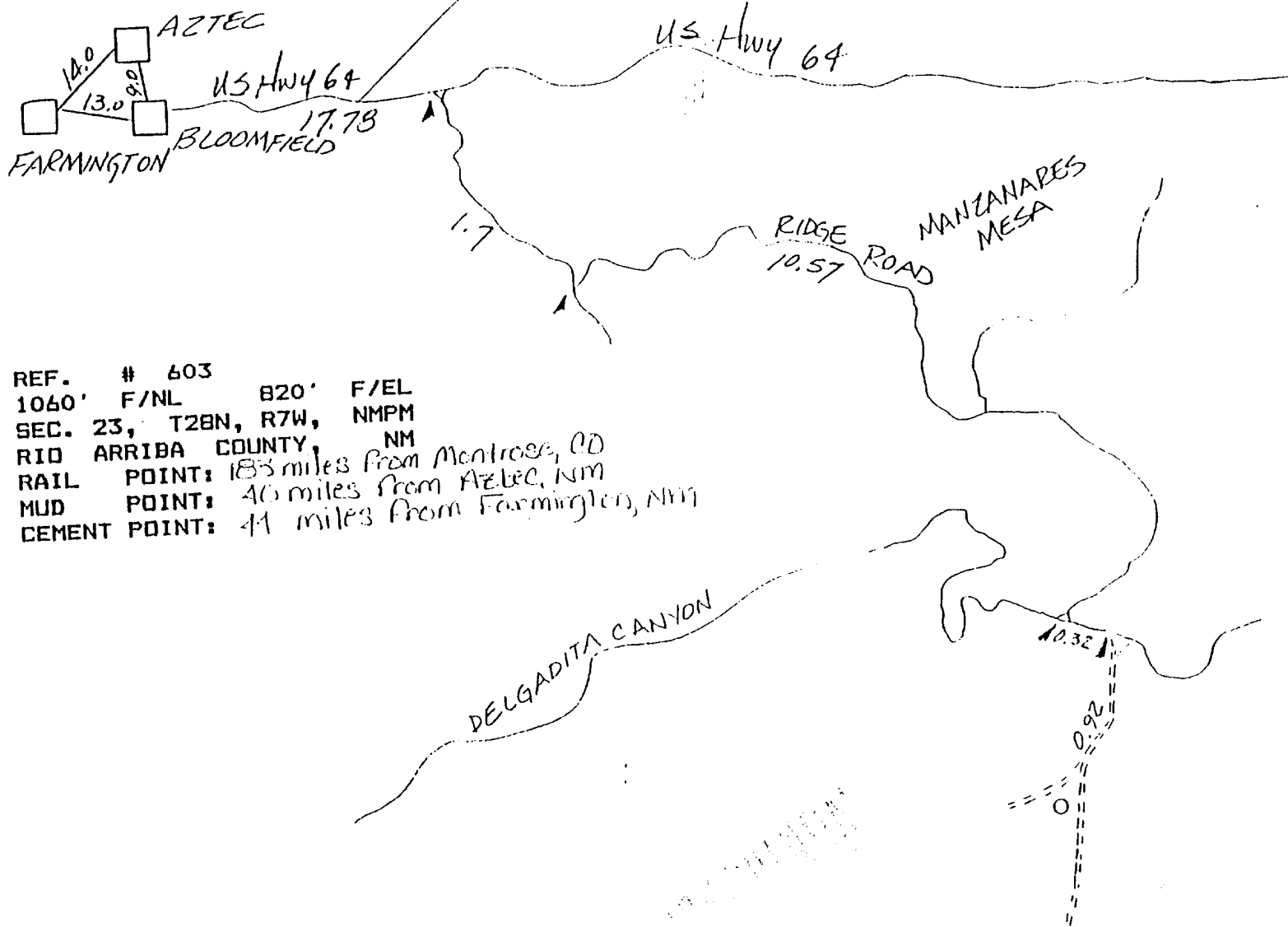
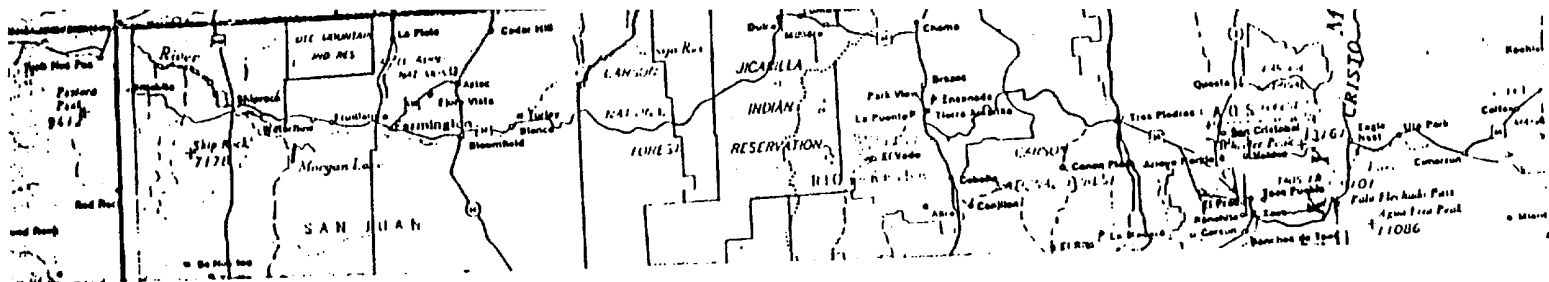


AMOCO PRODUCTION COMPANY
REF. # 603
1060' F/NL 820' F/EL
SEC. 23, T28N, R7W, NM
RIO ARRIBA COUNTY, NM

NEW ROAD
NEW MEXICO
EXISTING
ROADS

ADRANGLE LOCATION

Improved Road
Unimproved
Trail



REF. # 603
 1060' F/NL 820' F/EL
 SEC. 23, T28N, R7W, NMPM
 RIO ARriba COUNTY, NM
 RAIL POINT: 18.5 miles from Montrose, CO
 MUD POINT: 40 miles from Aztec, NM
 CEMENT POINT: 41 miles from Farmington, NM