

**UNITED STATES
DEPARTMENT OF THE INTERIOR**

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

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078766	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company <i>778</i> Attention: Lori Arnold		7. UNIT AGREEMENT NAME <i>ROSA UNIT</i>	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201 (303) 830-5651		8. FARM OR LEASE NAME, WELL NO. <i>Rose Unit #96</i> <i>13326</i>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1080 FSL 1015 FWL At proposed prod. zone		9. API WELL NO. <i>30-045-28983</i>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 62 Miles from Aztec		10. FIELD AND POOL, OR WILDCAT <i>Basin Dakota 71599</i>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17 Township 31N Range 6W	
16. NO. OF ACRES IN LEASE 2552.71		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 W/2		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7442'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR., etc.) 6353' GR		22. APPROX. DATE WORK WILL START* ASAP	

23. PROPOSED CASING AND CEMENTING PROGRAM

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'	282cf Cl B (Cement to surface)
8 3/4"	7" K-55	23#	3615'	1009 cf Cl B (Cement to surface)
6 1/4"	4 1/2" N-80	11.6#	7442'-3515'	672 cf Cl G

Notice of staking was submitted on 4/8/93 under the temporary name of Reference #4.

Lease Description: T31N-R6W
 Sec 16: Lots 1, 2, 3, N/2 NE/4, N/2 NW/4, SW/4 NW/4, W/2 SW/4
 Sec 17: All
 Sec 21: Lots 1, 2, 3, W/2 NW/4, S/2
 Sec 22: Lot 1, S/2, NE/4, E/2 NW/4
 Sec 25: All

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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 06-15-1993

(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 *dyg* TITLE _____ DATE JUL 19 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

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

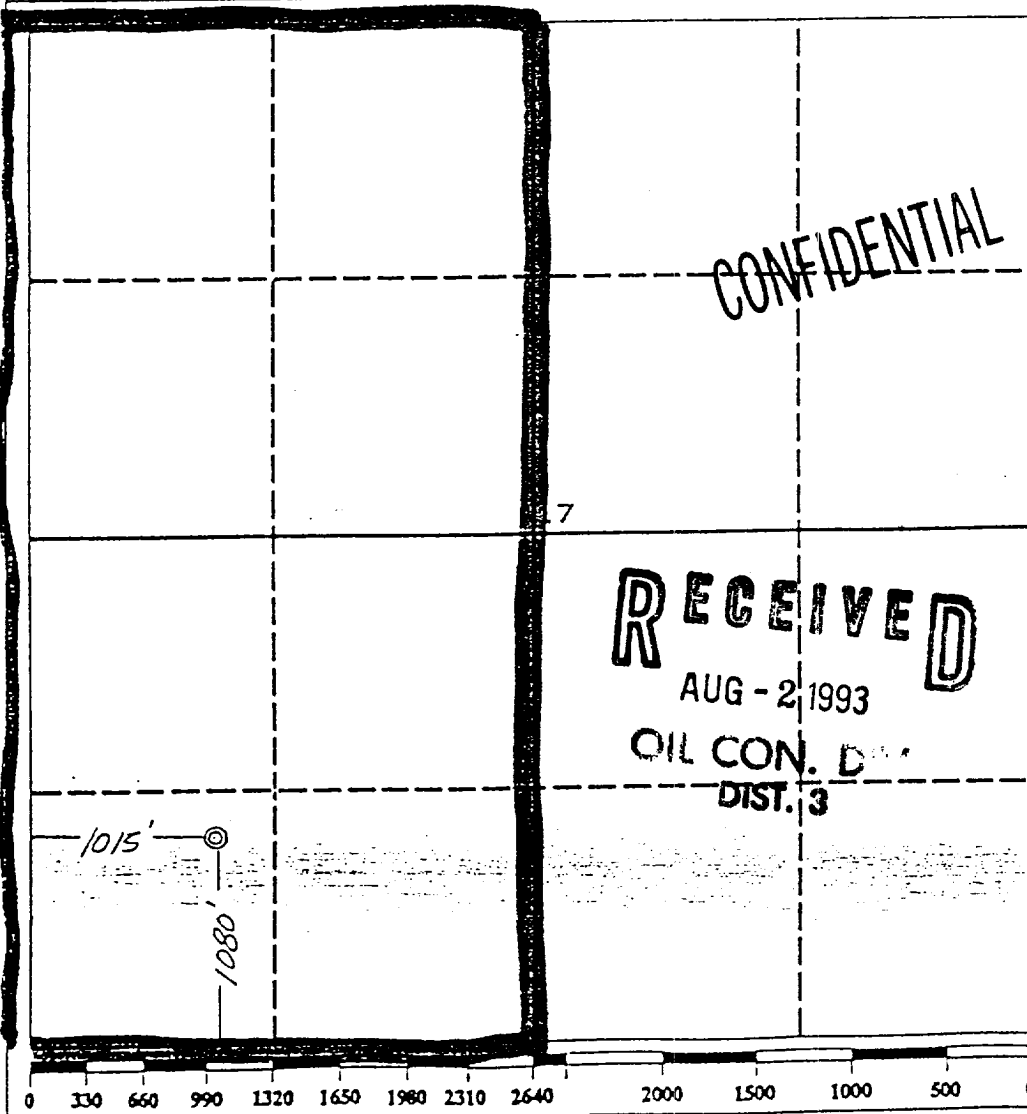
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease <i>Rosa Wind</i>		Well No. 76
Unit Letter M	Section 17	Township 31 NORTH	Range 6 WEST	County SAN JUAN	
Actual Footage Location of Well: 1080 feet from the SOUTH line and 1015 feet from the WEST line					
Ground level Elev. 6353	Producing Formation Basin Dakota		Pool Basin Dakota	Dedicated Acreage: 320 W/2 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 communitization, unitization, force-pooling, etc.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u><i>unit</i></u></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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					

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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.

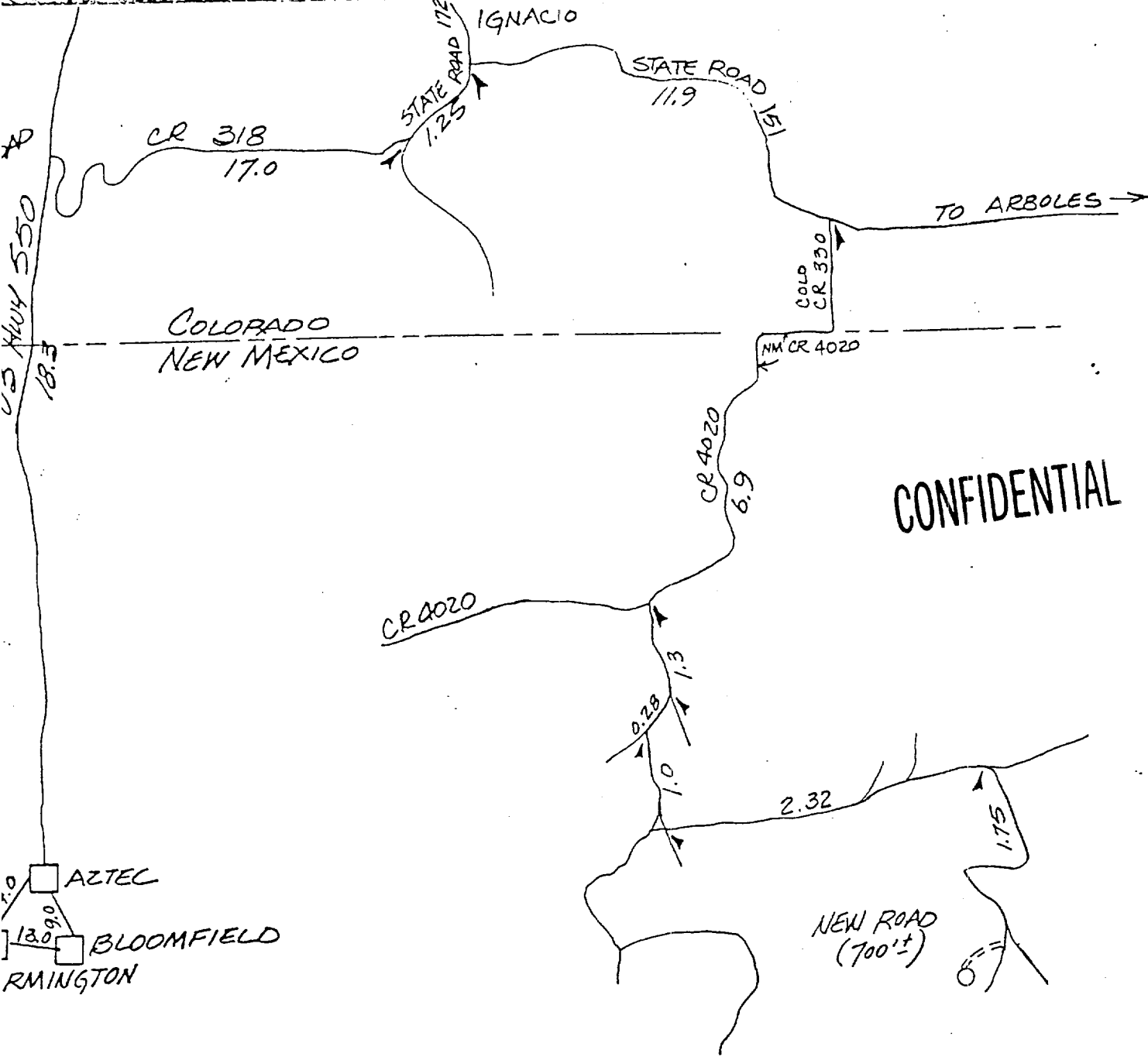
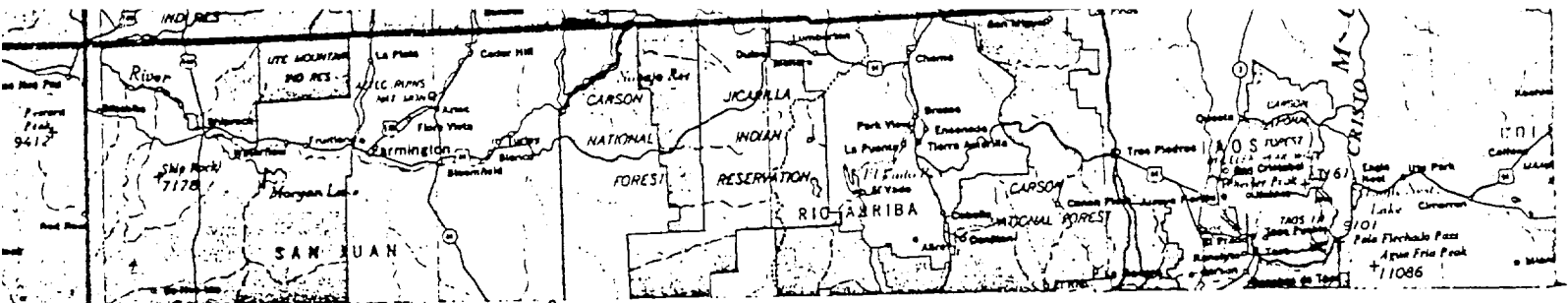
Signature: *Lori Arnold*
 Printed Name: **Lori Arnold**
 Position: **Business Analyst**
 Company: **Amoco Production**
 Date: **April 8, 1993**

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 30, 1993**

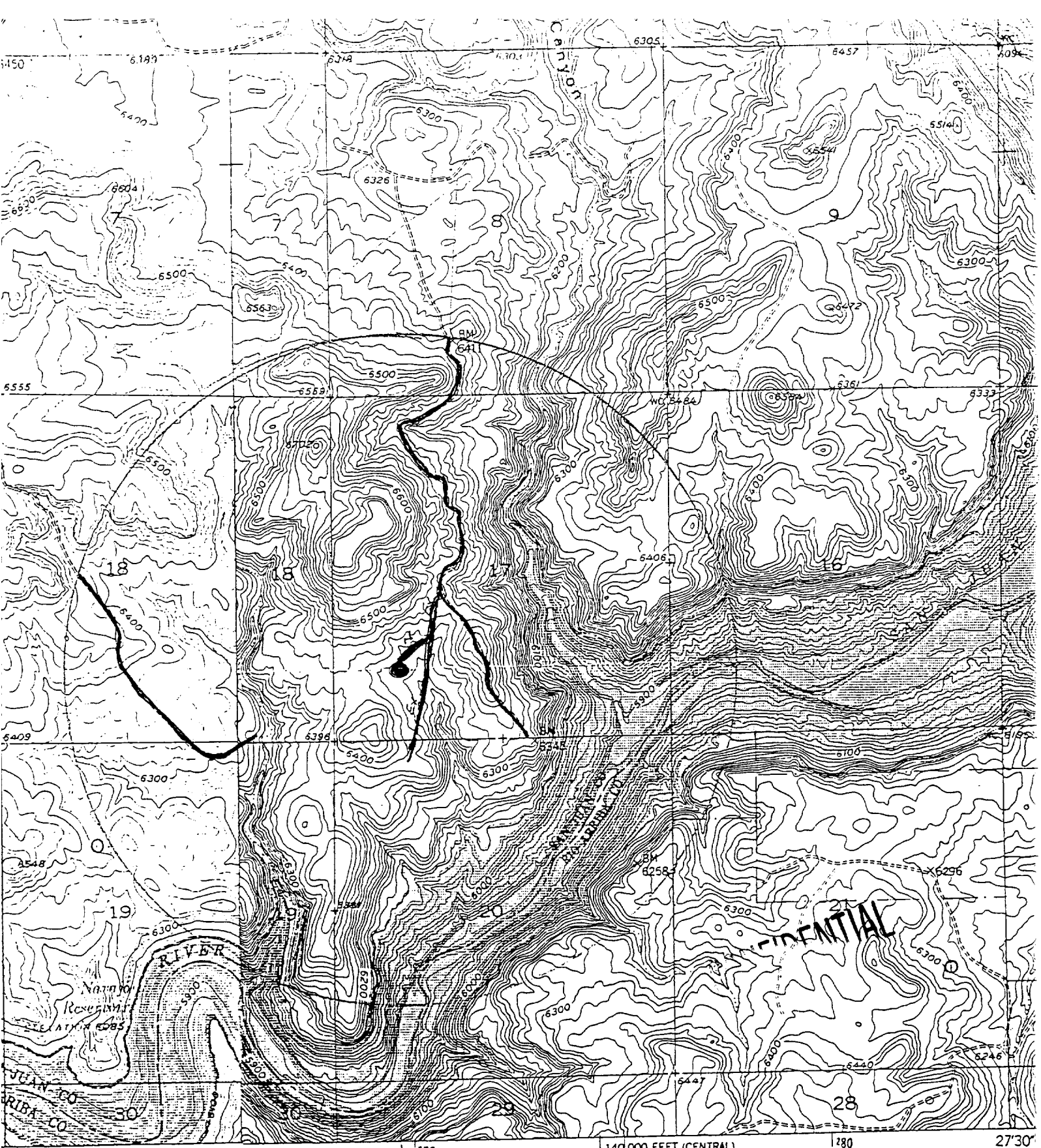
Signature & Seal of Professional Surveyor: *Gary D. Vann*
GARY D. VANN
 REGISTERED PROFESSIONAL LAND SURVEYOR
 NEW MEXICO
 7016

Gary D. Vann
 7016





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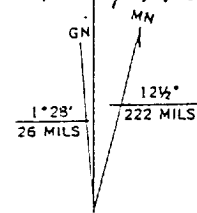
080' F/SL 1015' F/WL
 EC. 17, T31N, R6W, NMPM
 SAN JUAN COUNTY, NEW MEXICO
 MAIL POINT: 168.4 miles from Montrose, CO
 JD POINT: 62 miles from Aztec, NM
 ELEMENT POINT: 70 miles from Montrose, NM



140 000 FEET (CENTRAL) R. 6 W. 277000m.E. 10730

Mapped, edited, and published by the Geological Survey
 Control by USGS and NOS / NOAA
 Topography by **AMOCO PRODUCTION COMPANY**
 taken 1950. File
 Polyconic project 1080' F/SL 1015' F/WL
 10,000-foot gric SEC. 17, T31N, R6W, NMPM
 central and west **SAN JUAN COUNTY, NEW MEXICO**
 1000-meter Universal transverse mercator grid used,
 zone 13, shown in blue

 EXISTING ROAD
 NEW ROAD



UTM GRID AND 1982 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

CLASSIFICATION
 Unimproved dirt

FRONT MESA N MEX ... as of the predicted North American Datum 1983