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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease

STATE ☐ REC ☒

5. Enter Oil & Gas Lease No.

7. Unit Agreement Name

Barton Federal Com

8. Term or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

Gavilan Mancos Ext

12. County

Rio Arriba

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

2. Name of Operator

Amoco Production Company

3. Address of Operator

2335 E. 30th, Farmington NM 87401

4. Location of Well

UNIT LETTER

A

LOCATED

980

FEET FROM THE

North

LINE

AND 870

FEET FROM THE

East

LINE OF SEC. 34

TWP. 26N

RST. 2W

NMPH

13. Proposed Depth

7650'

19A. Formation

Gallup

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RL, etc.)

7601' Gr

21A. Kind & Status Plug. Bond

State-wide

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

As soon as permitted

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36 #	300'	235 cf	Surf
7-7/8"	5-1/2"	17 #	7650'	800 cf	4500'
		15.5 #		700 cf	1000'

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DV TOOL AT 4000'

Amoco proposes to drill the above well to further develop of Gavilan Mancos reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copies of all logs will be filed upon completion. Amoco's standard blowout preventer will be utilized; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is not dedicated.

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SEP 02 1988**OIL CON. DIV.**
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed

B. Shaw

Title Adm Supervisor

Date

8-31-88

(This space for State Use)

APPROVED BY

Ernie Burch

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

SEP 06 1988

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section.

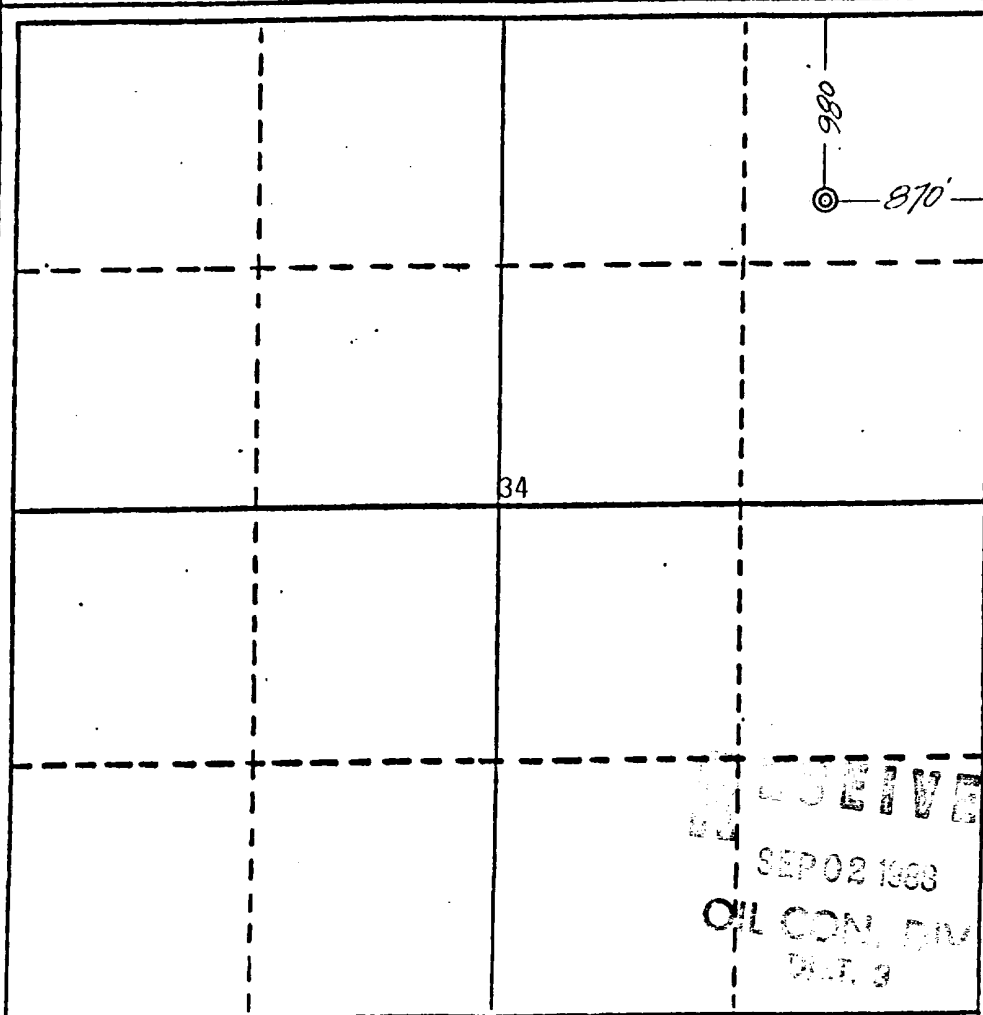
Operator AMOCO PRODUCTION COMPANY		Lease BARTON FEDERAL COM		Well No. 1
Unit Letter A	Section 34	Township 26 NORTH	Range 2 WEST	County RIO ARRIBA
Actual Footage Location of Wells 980 feet from the NORTH line and 870 feet from the EAST line				
Ground Level Elev. 7601	Producing Formation Gallup	Pool Gavilan Mancos	Dedicated Acres 6.40 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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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 interests, has been approved by the Division.



CERTIFICATION

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

B.D. Shaw

Name

B.D. Shaw

Position

Adm Supervisor

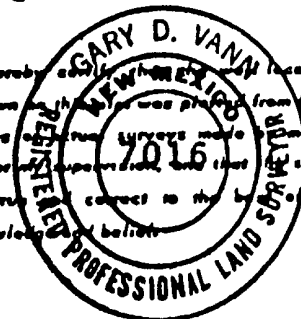
Company

Amoco Production Company

Date

August 30, 1988

I hereby certify that the location shown on this plat was plotted from field notes of the survey 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

April 19, 1988

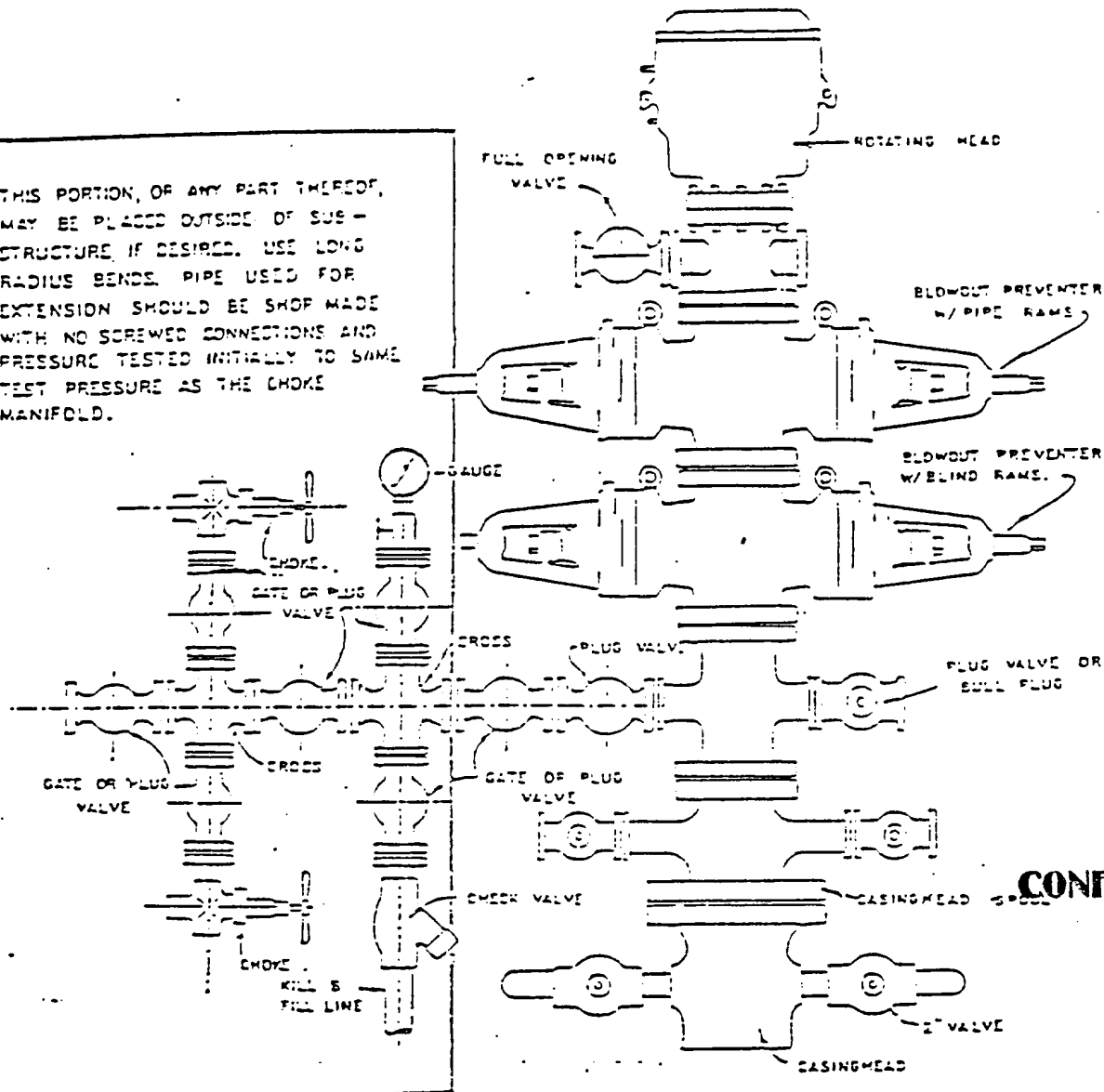
Registered Professional Engineer
and/or Land Surveyor*Gary D. Vann*
Gary D. Vann

Certificate No.

7016

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OIL CON. DIV.
BILT. 3

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



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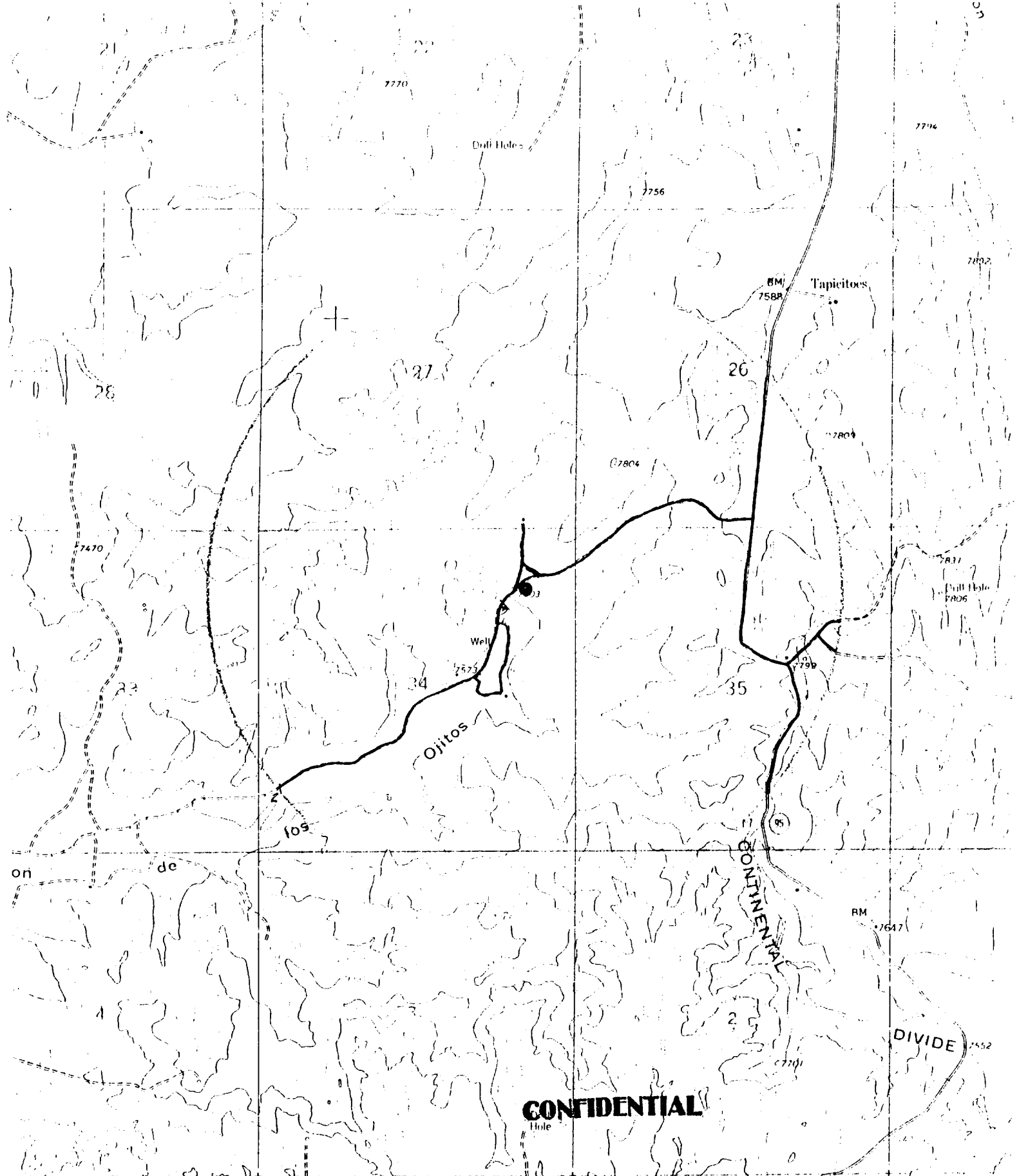
BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4

OCTOBER 16, 1961

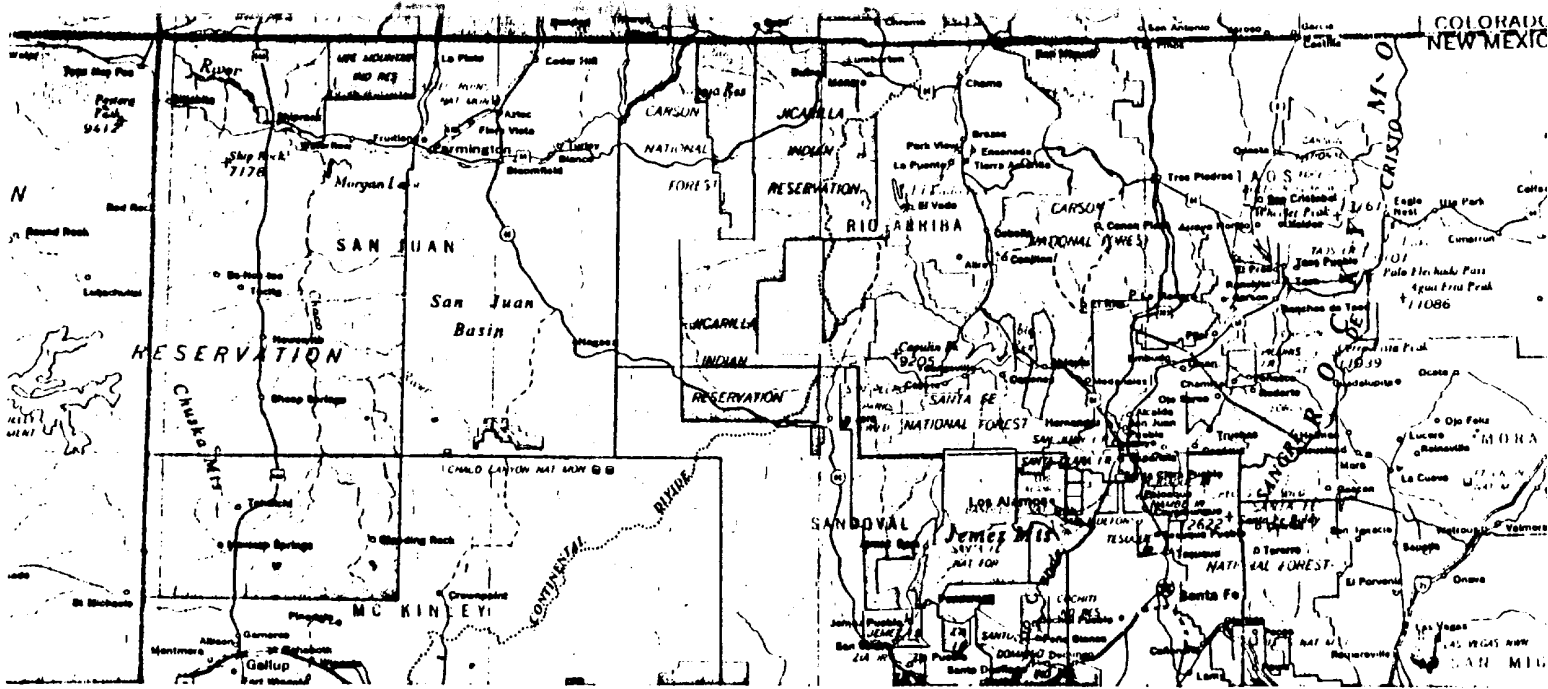
Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.



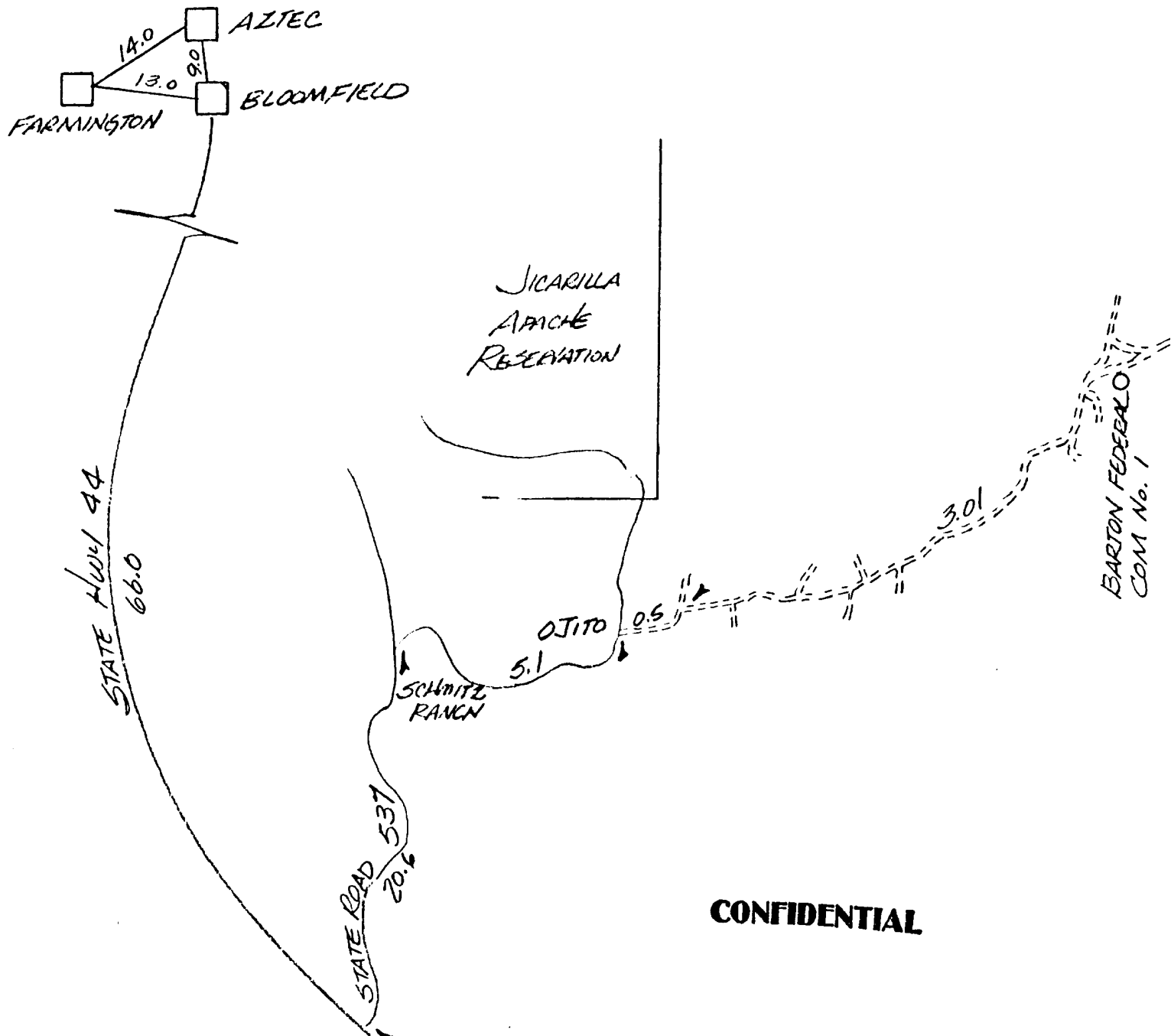
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AMOCO PRODUCTION COMPANY
BARTON FEDERAL COM No. 1
980' F/NL 870' F/EL
SEC. 34, T26N, R2W, NMPM
RIO ARriba COUNTY NM

— NEW ROAD
— EXISTING ROADS



BARTON FEDERAL COM No. 1
 980' F/NL 870' F/EL
 SEC. 34, T26N, R2W, NMPM
 RAIL POINT: 134 miles Albuquerque Nm
 MUD POINT: 96 miles Aztec Nm
 CEMENT POINT: 100 miles Farmington Nm



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