

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-039-24210

Form C-101
Revised 10-1-78

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OPERATOR	

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MAY 03 1988
OIL CON. DIV.
DIST. DIV.

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐			7. Unit Agreement Name Bear Canyon Unit		
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐			8. Form or Lease Name		
2. Name of Operator Amoco Production Company			9. Well No. 7		
3. Address of Operator 2325 East 30th Street Farmington, NM 87401			10. Field and Pool, or Wildcat Garillon Mancas Ext		
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>970</u> FEET FROM THE <u>South</u> LINE AND <u>910</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>15</u> TWP. <u>26N</u> RGE. <u>2W</u> NADPDA			11. County Rio Arriba		
19. Proposed Depth 7500'			19A. Formation Gallup		20. Rotary or C.T. Rotary
21. Elevations (Show whether DP, RT, etc.) 7491'	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"	10-3/4"	40.5 # KSS	300'	300	Surface
9-7/8"	7-5/8"	26.4 # KSS	6750'	1800	Surface
6-3/4"	5"	29.7 # N80	7500'	150	2500'
DV tool at 4000'					

Amoco proposes to drill the above well to further develop the Garillon Mancas 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 design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is not dedicated.

APPROVAL EXPIRES 11-3-88
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSED IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. 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 BJ Shaw Title Adm Supervisor Date April 29, 1988

(This space for State Use)

APPROVED BY 3-11-88 TITLE SUPERVISOR DISTRICT DATE MAY 03 1988
CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

Operator AMOCO PRODUCTION COMPANY			Lease BEAR CANYON UNIT		Well No. # 7
Unit Letter P	Section 15	Township 26 NORTH	Range 2 WEST	County RIO ARriba	
Actual Footage Location of Well 970 feet from the SOUTH line and 910 feet from the EAST line					
Ground Level Elev. 7471	Producing Formation Gallup		Pool Gavilan Mancas		Dedicated Acreage 320.640 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. Jtw/ct1
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?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

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.

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MAY 03 1988
OIL CON. DIV.
DIST. 3

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

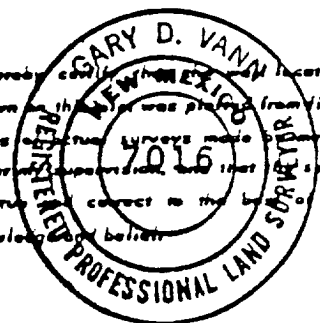
Company

Amoco Production Company

Date

April 29, 1988

I hereby certify that the 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

April 26, 1988

Registered Professional Engineer
and/or Land Surveyor

Gary D. Vann

Certificate No.

7016

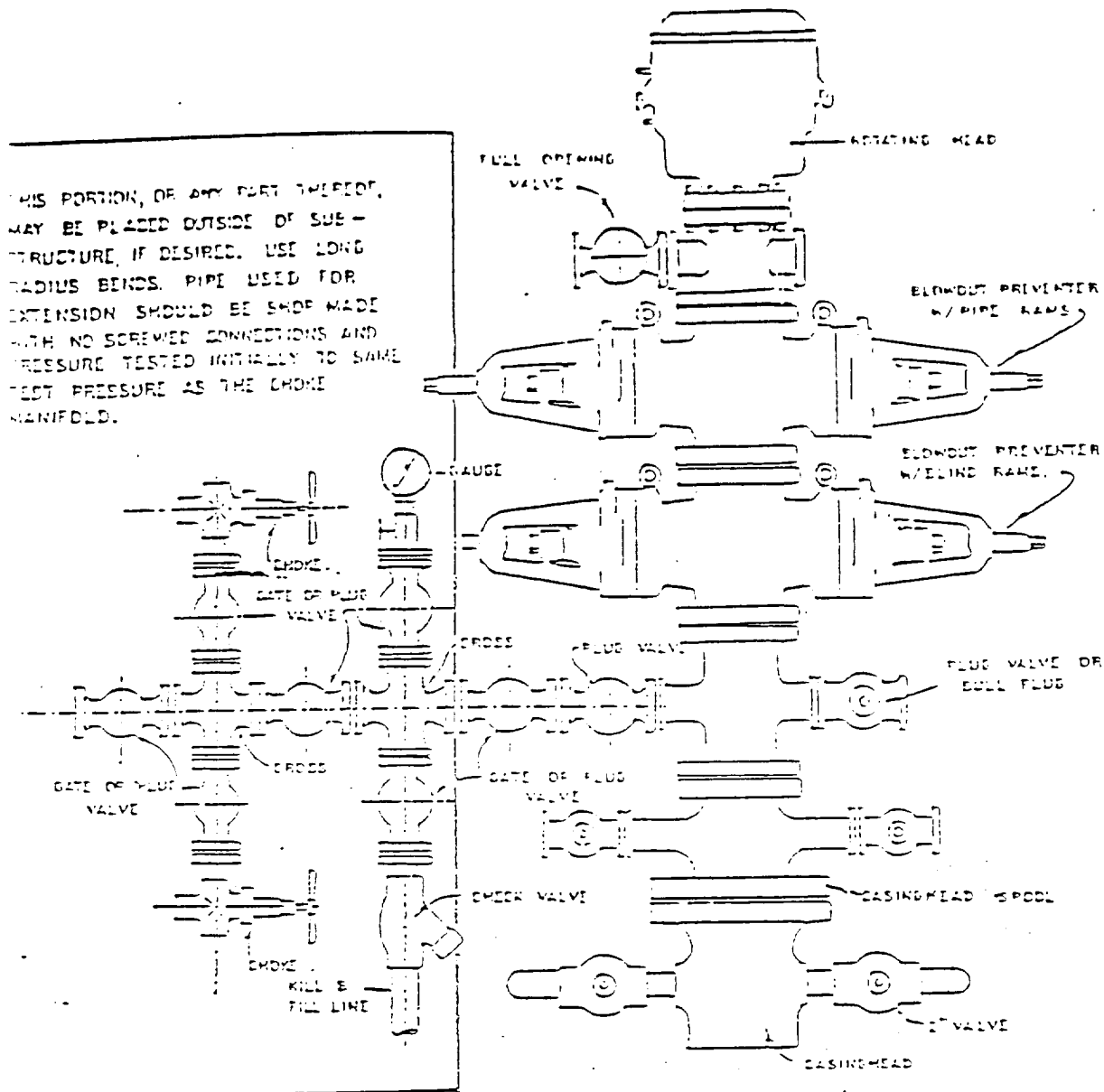
0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.

Ripple above Blowout Preventer shall be same size or larger than BOP being drilled through.

All fittings to be flanged.

Gasco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



BLOWOUT PREVENTER HOOKUP

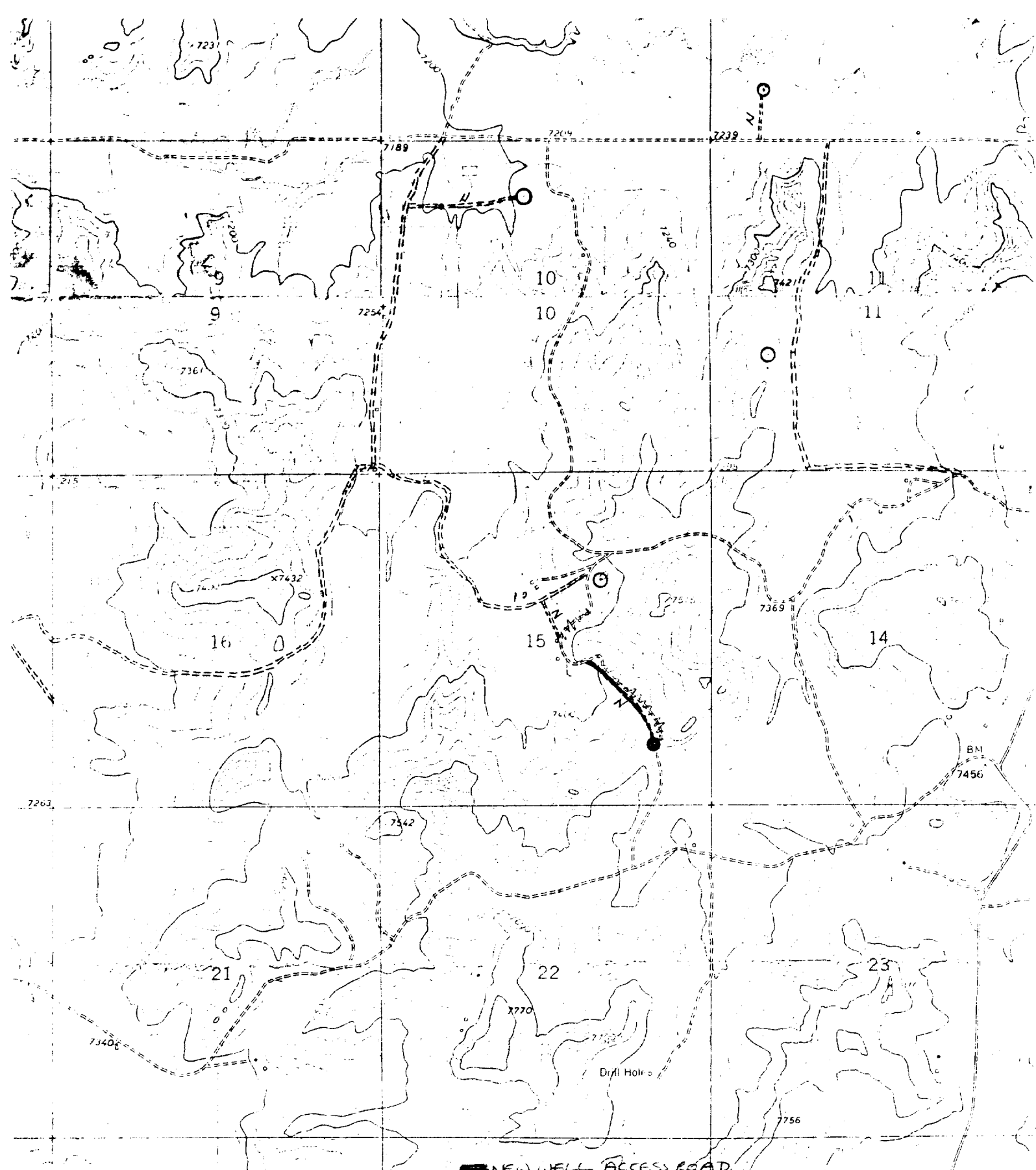
800

EXHIBIT D-4

OCTOBER 16, 1969

During both pipe and blind rams will be tested each trip
 All runs, pipe rams will be closed once each 24 hours.

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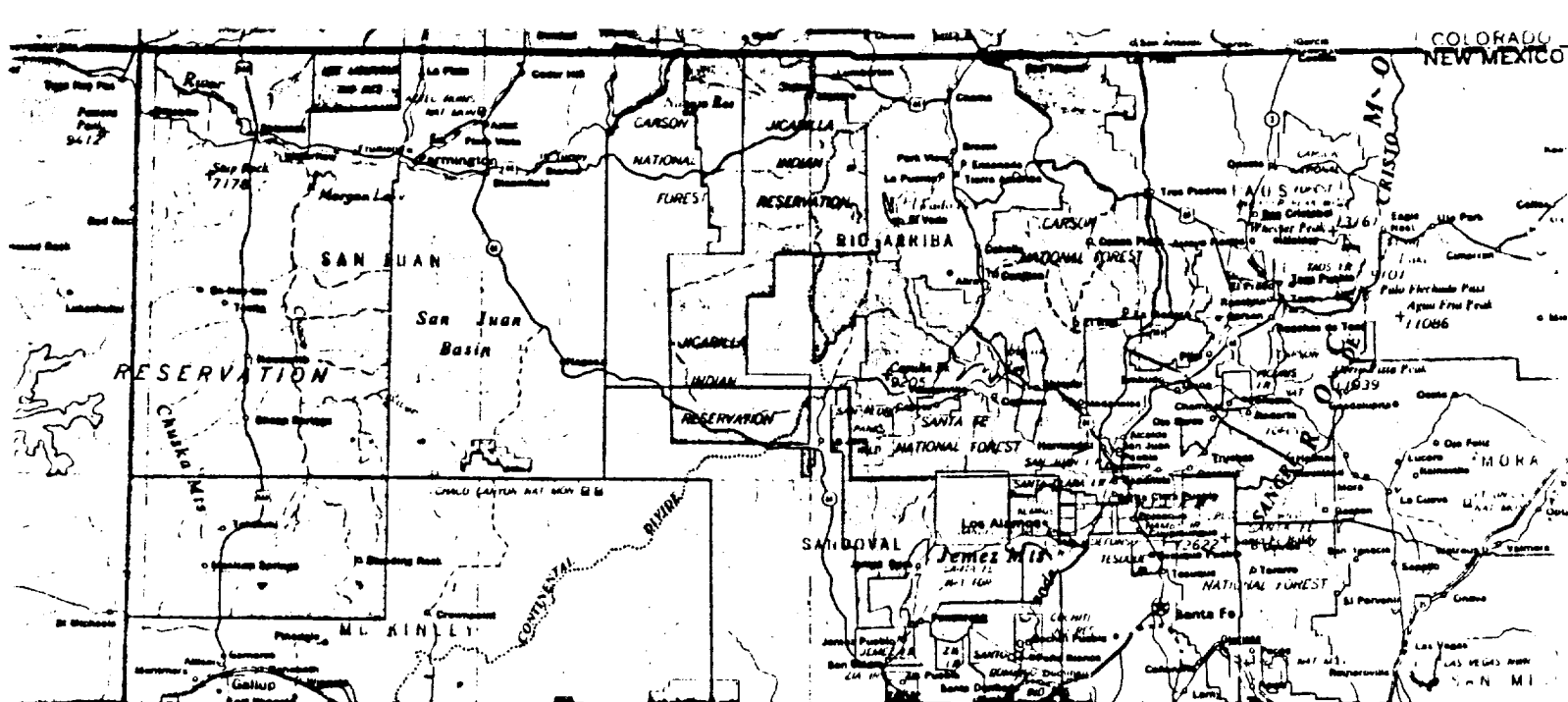


NEW WELL ACCESS ROAD

AMOCO PRODUCTION COMPANY
BEAR CANYON UNIT # 7
970' F/SL 910' F/EL
SEC. 15, T26N, R2W, NMPM
RIO ARRIBA COUNTY, NM

BM 7582 Tapicitoes

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EAR CANYON UNIT # 7
 70' F/SL 910' F/EL
 EC. 15, T26N, R2W, NMPM
 AIL POINT: 136 miles, Albuquerque, NM
 JD POINT: 107 miles, Aztec, NM
 EMENT POINT: 120 miles, Farmington, NM

