

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

501 Airport Drive, Farmington, New Mexico 87401

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

1910' FNL and 1490' FEL, Section 10, T29N, R9W

At proposed prod. zone

Same

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

4 miles Northeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

1490'

16. NO. OF ACRES IN LEASE

2372.88
~~2360.00~~18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2660'

19. PROPOSED DEPTH

3300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5932' GL

22. APPROX. DATE WORK WILL START*

As soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (New)	24#	300'	315 sx Class "B" Neat
6-1/2"	4-1/2" (New)	9.5#	2650'	460 sx Class "B" 50:50 POZ

The above well is being drilled to further develop the Blanco Pictured Cliffs formation. The gas from this acreage is dedicated to El Paso Natural Gas Co.

This is a non-standard location due to topography. Application for a non-standard unit has been filed with the Santa Fe office of the NMOCC.

RECEIVED

JAN 11 1980

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

B. E. Jacobell

TITLE

District Engineer

DATE

January 9, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

NMOCC

APPROVED
AS AMENDED
DATEFEB 14 1980
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

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.

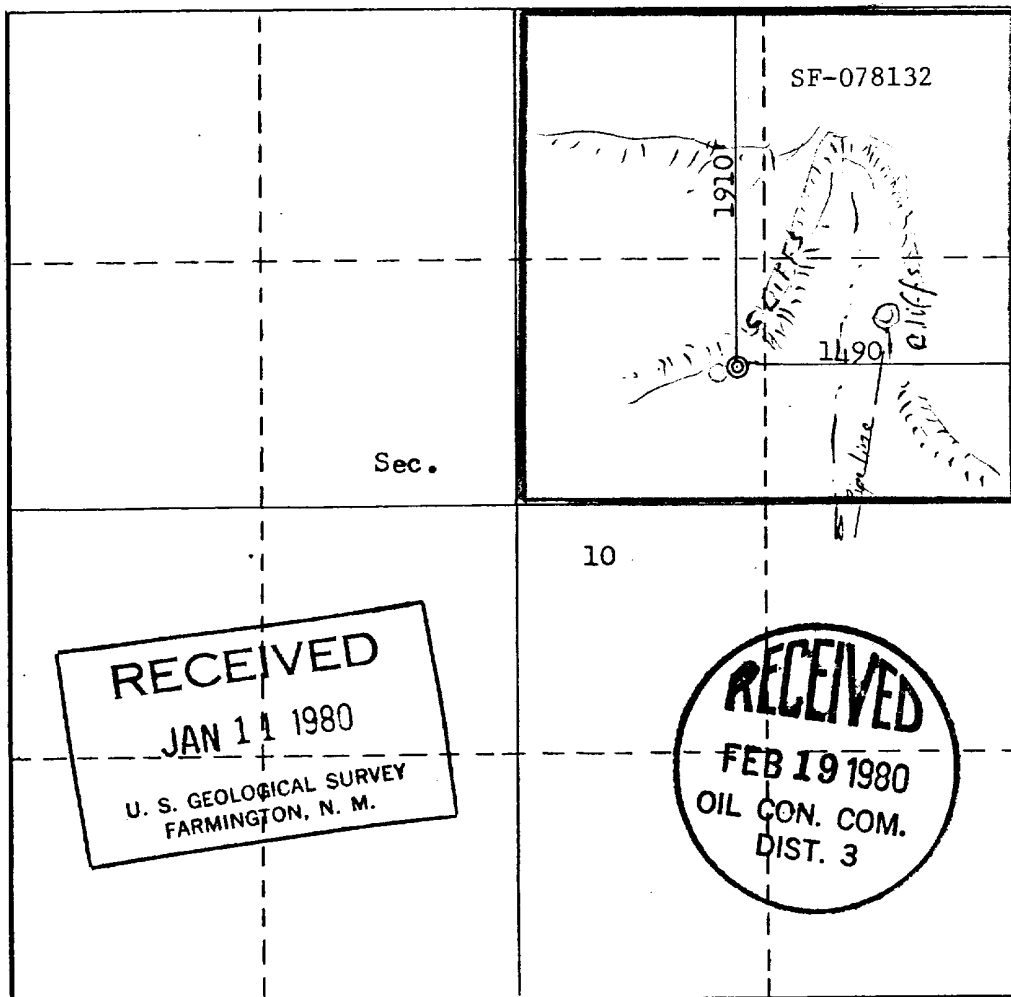
Operator AMOCO PRODUCTION COMPANY			Lease A. L. ELLIOTT "B"		Well No. 8
Unit Letter G	Section 10	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well: 1910 feet from the North line and 1490 feet from the East line					
Ground Level Elev. 5932	Producing Formation Pictured Cliffs		Pool Blanco Pictured Cliffs		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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?

☐ 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 interests, has been approved by the Commission.



CERTIFICATION

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

B. E. Fackrell

Name

B. E. FACKRELL

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

DECEMBER 31, 1979

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

 November 23, 1979
 Registered Professional Engineer
 and/or Land Surveyor

No.

3350

Certificate No.

3958 B. KERR, JR.

SUPPLEMENTAL INFORMATION TO FORM 9-331C

A. L. ELLIOTT "B" NO. 8
1910' FNL & 1490' FEL, SECTION 10, T29N, R9W
SAN JUAN COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary Nacimiento.

Estimated tops of important potential hydrocarbon bearing formations:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Fruitland	2350'	+3595'
Pictured Cliffs	2500'	+3445'
TD	2650'	

Estimated KB elevation: 5945'

Drilling fluid to TD will be a low solids non-dispersed mud system. Open hole logging program will include the following logs from TD to below surface casing:

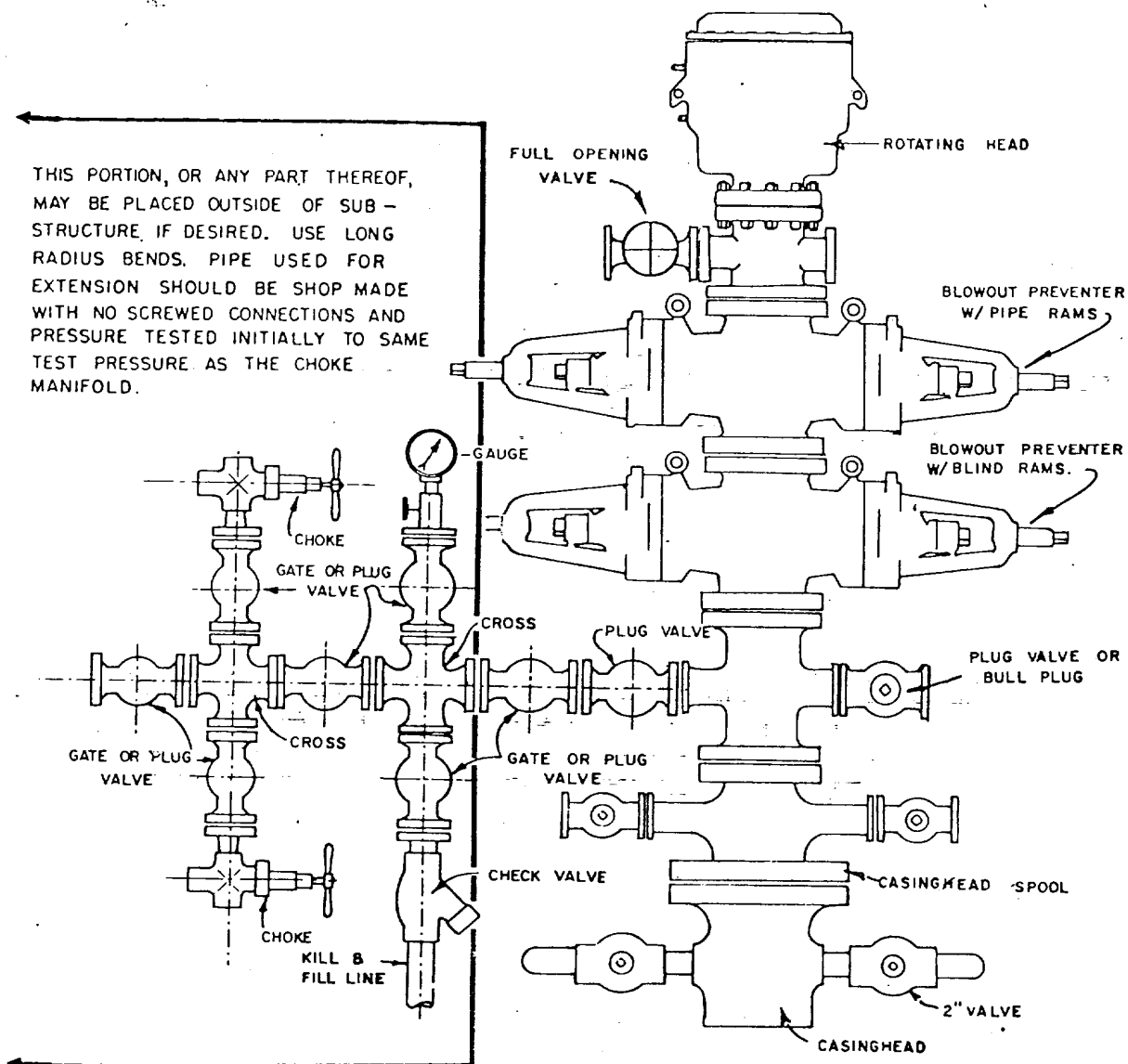
Induction Electric - SP - Gamma Ray
Compensated Neutron Formation Density - Gamma Ray

Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately 2 weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

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.



BLOWOUT PREVENTER HOOKUP

MULTI-POINT SURFACE USE PLAN

A. L. ELLIOTT "B" NO. 8
1910' FNL & 1490' FEL, SECTION 10, T29N, R9W
SAN JUAN COUNTY, NEW MEXICO


1. The attached topographic map shows the proposed route to the location.
2. It will not be necessary to build an access road for this location.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There is a 210-barrel tank and facilities located at A. L. Elliott "B" Well No. 6.
5. Water will be hauled from the San Juan River.
6. No construction materials will be hauled in for this location.
7. A 75' by 75' pit will be built on location to hold all drilling waste. Upon completion of the well, pit will be fenced and waste and liquids left to dry, then pit will be filled and leveled.
8. There are neither airstrips nor camps in the vicinity.
9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet. No cuts necessary as on old location.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drilling mud will be hauled away and the reserve pit back filled. Reseeding of the site will be carried out as instructed by the Bureau of Land Management.
11. The general topography is a flat area, drilling pad to be on old location between cliff and wash; vegetation consists of native grasses and sagebrush.

Representatives of the U. S. Geological Survey's Farmington Office and the Bureau of Land Management inspected the site with Amoco personnel. Cultural resources inspection was conducted by an archaeologist from San Juan College.

12. Operator's Representative: R. W. Schroeder
Phone: Office: 505-325-8841; Home: 505-325-6164
Address: 501 Airport Drive, Farmington, NM 87401

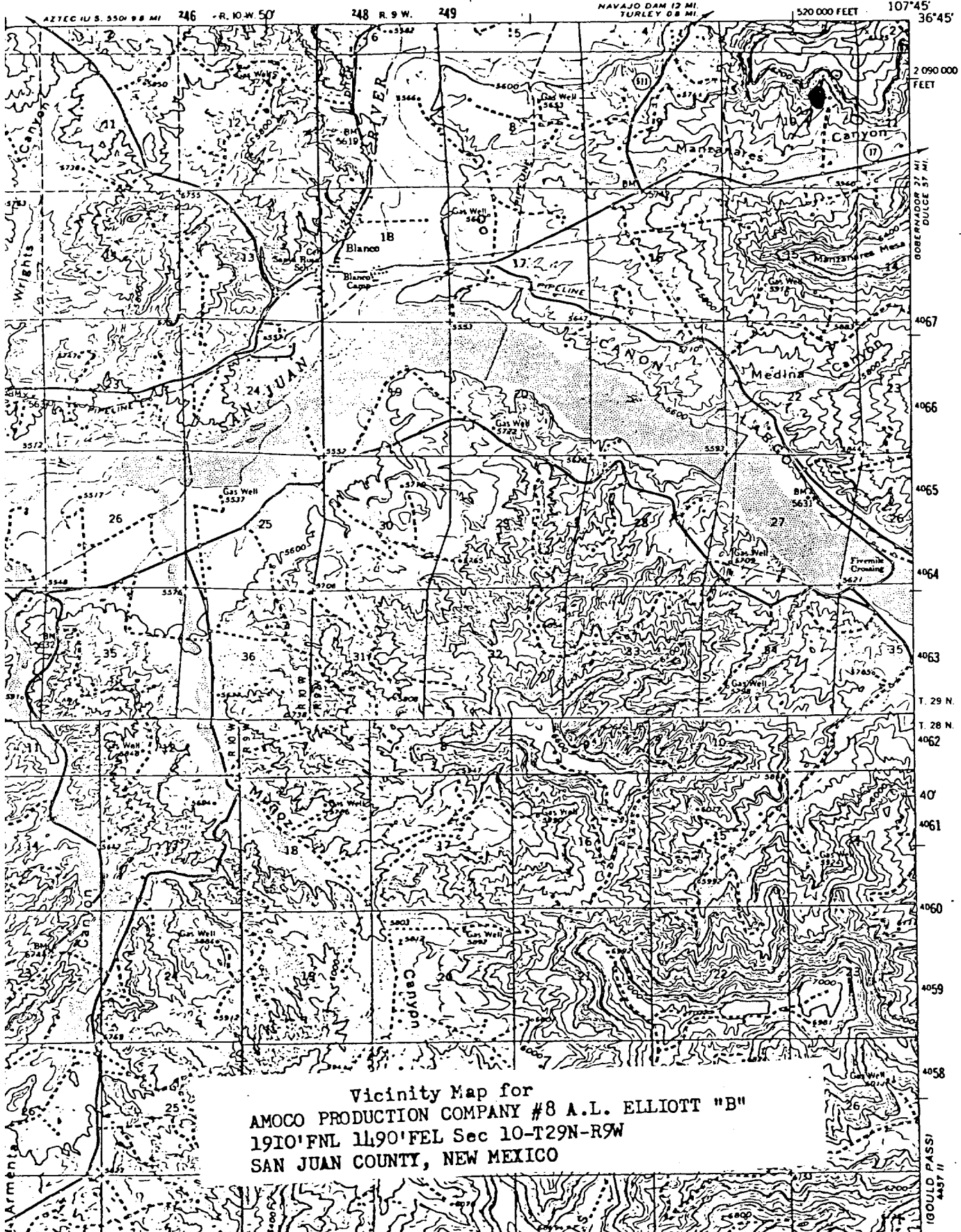
Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

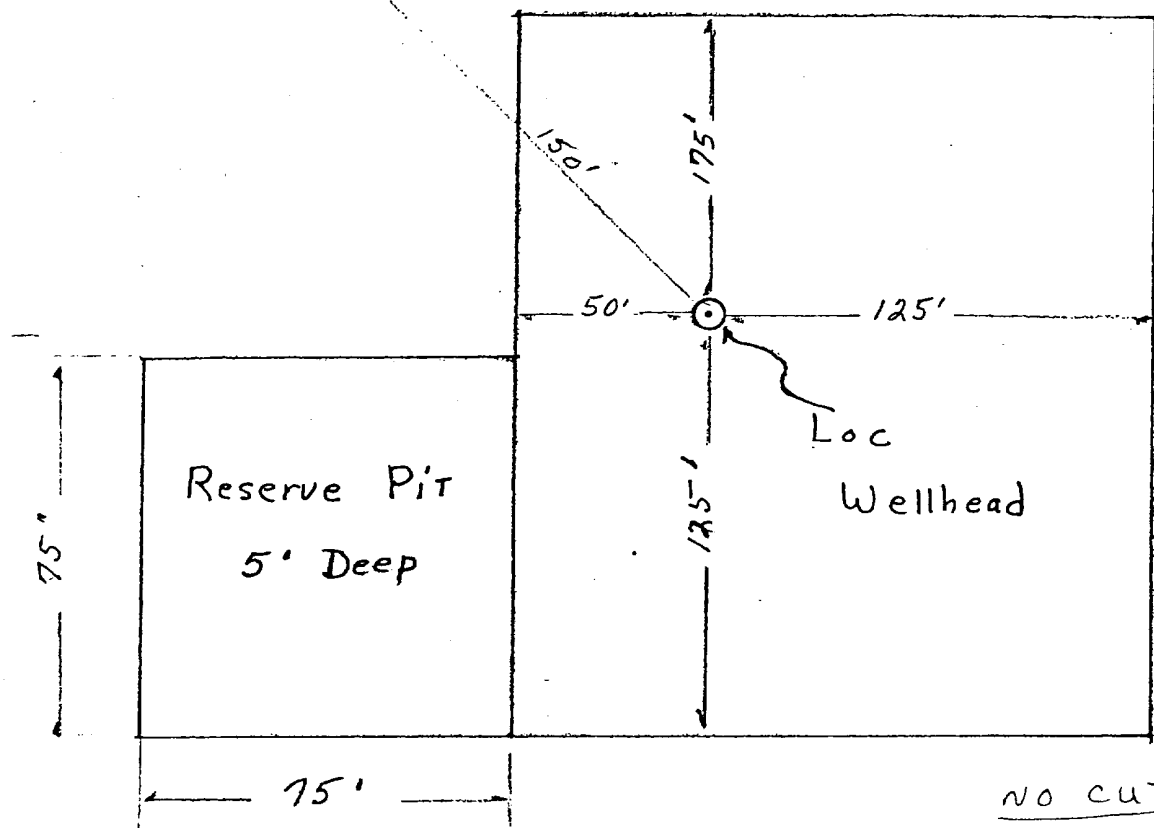
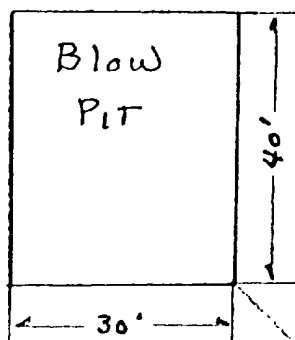
Date December 20, 1979


R. W. Schroeder, District Superintendent

BLOOMFIELD QUADRANGLE
NEW MEXICO-SAN JUAN CO.
15 MINUTE SERIES (TOPOGRAPHIC)

NAVAJO DAM
44371





Approximately 1.2 Acres

Amoco Production Company		SCALE: <i>NONE</i>
Drilling Location Specs		ORG. NO.
A.L. ELLIOTT "B" WELL NO. 8		

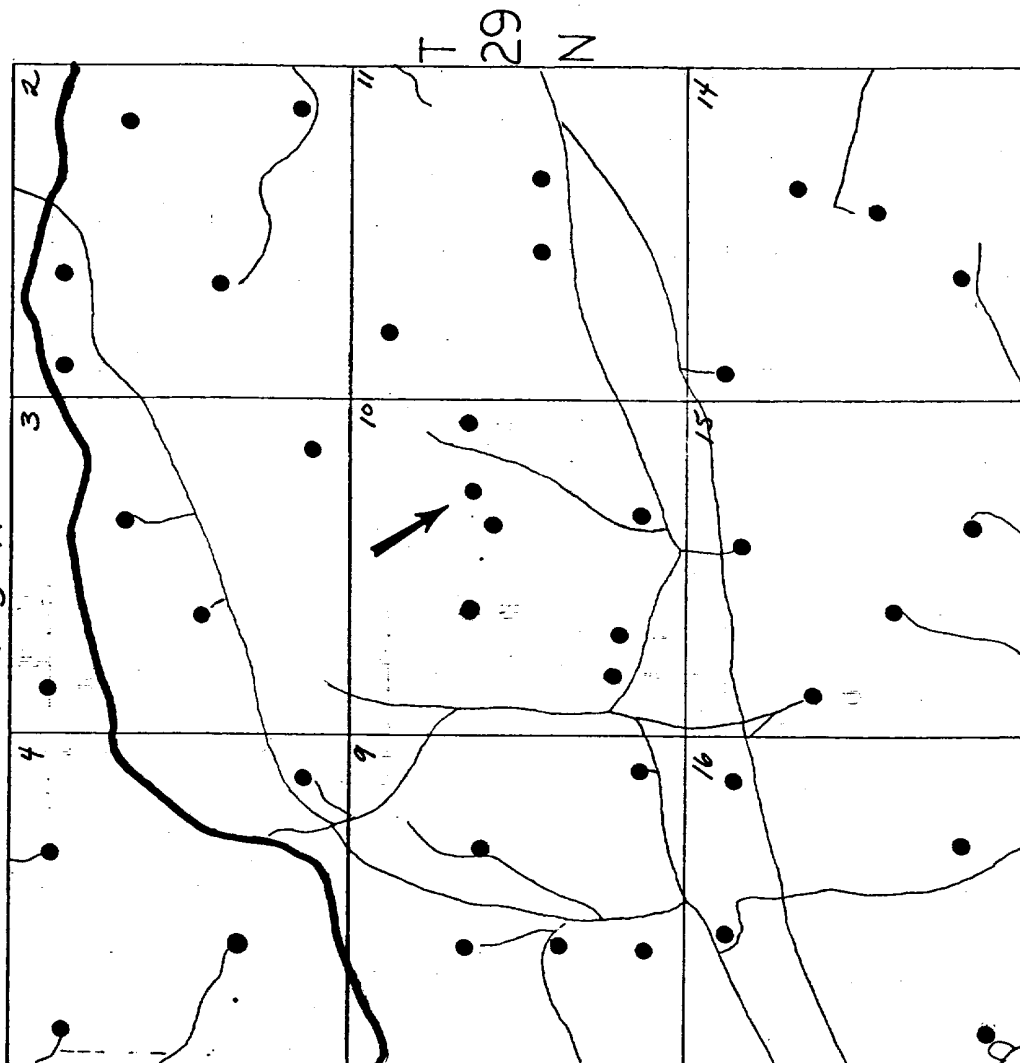
A. L. ELLIOTT "B" #8

<u>CASING</u>	<u>GRADE</u>	<u>WEIGHT</u>	<u>CEMENT TOP</u>	<u>CEMENT</u>
8-5/8" (NEW)	K-55	24#	Surface	Class B with 2% CaCl ₂ .
4-1/2" (NEW)	K-55	9.5#	Surface	Class B with 50:50 POZ, 6% gel, 2# med tuf plug/sx .8% fluid loss.

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Ojo Alamo	1050'	+4895'
Kirtland	1540'	+4405'
Fluitland	2350'	+3595'
Pictured Cliffs	2500'	+3445'

A. L. ELLIOTT "B" #8

R 9 W

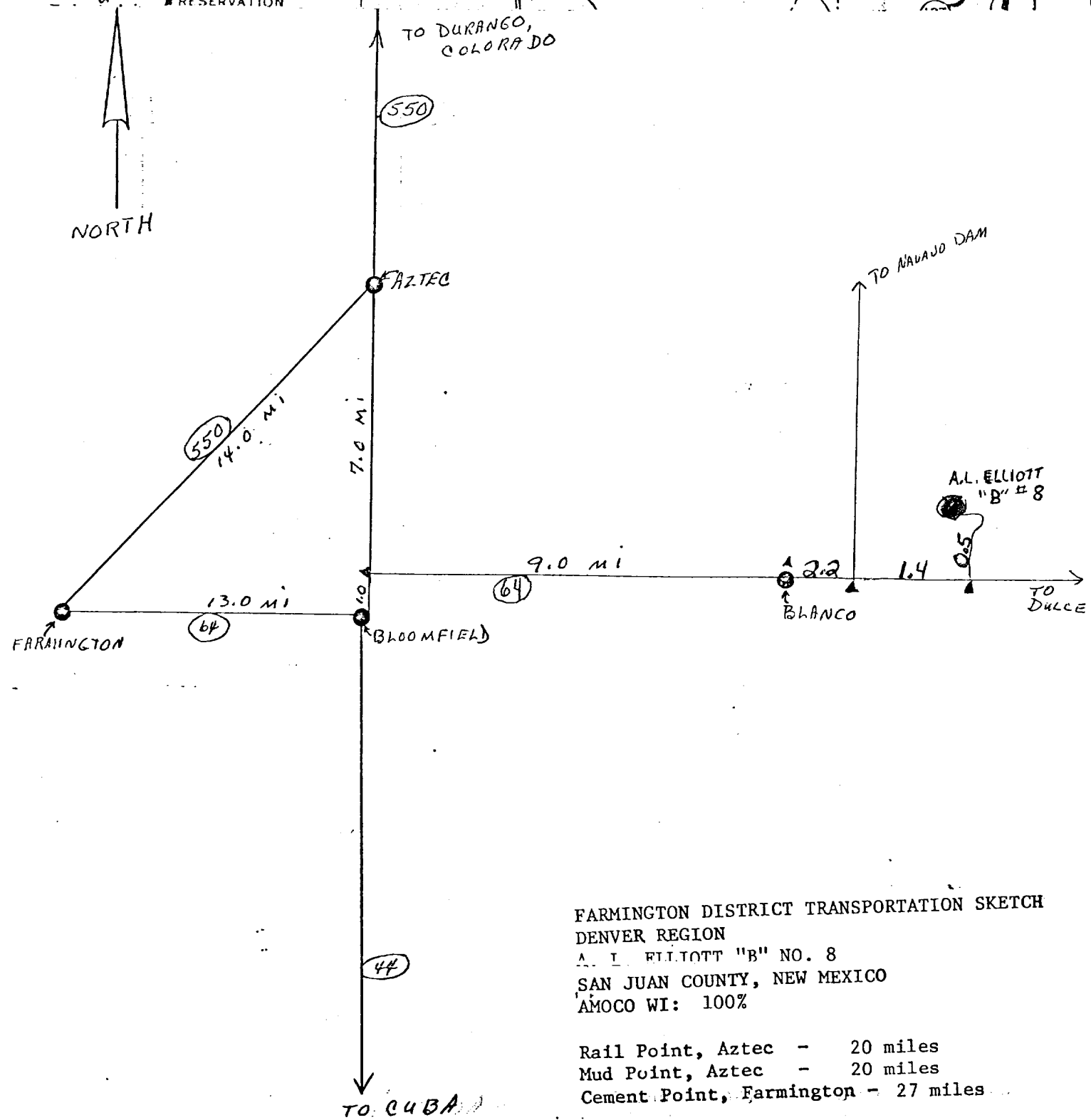
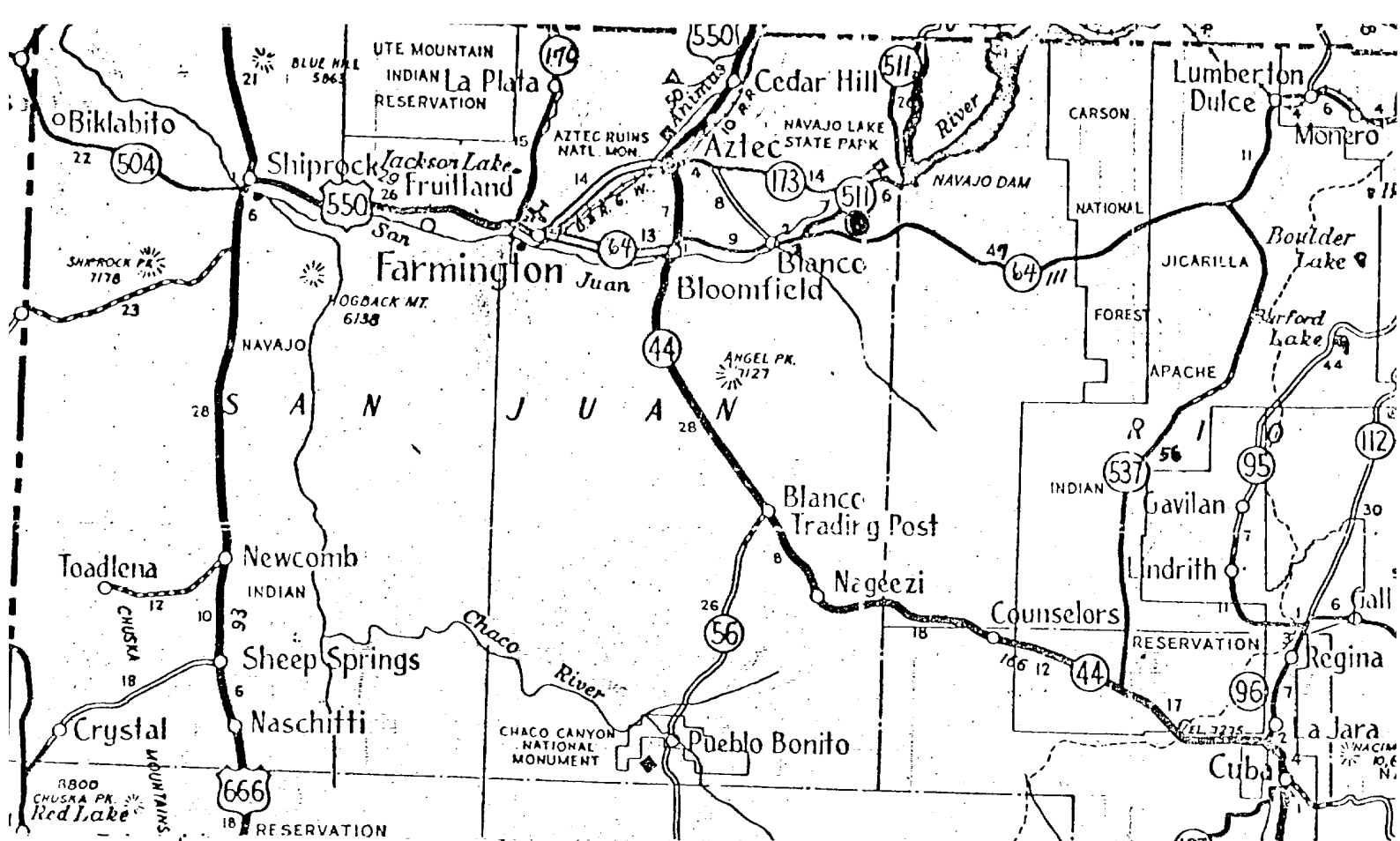


EXISTING WELLS ●

PROPOSED WELL →

ROADS —

RIVER —



FARMINGTON DISTRICT TRANSPORTATION SKETCH
 DENVER REGION
 A. I. ELLIOTT "B" NO. 8
 SAN JUAN COUNTY, NEW MEXICO
 AMOCO WI: 100%

Rail Point, Aztec - 20 miles
 Mud Point, Aztec - 20 miles
 Cement Point, Farmington - 27 miles

January 31, 1980