

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

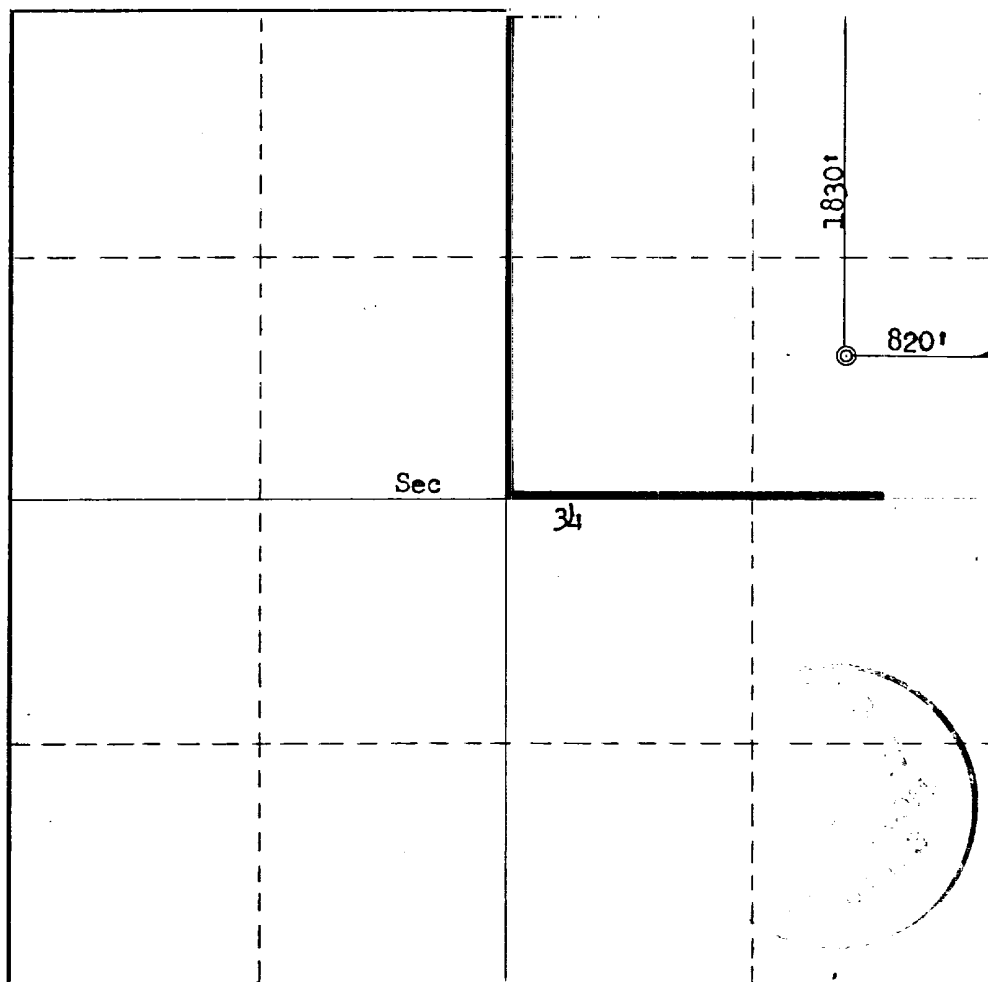
Operator Amoco Production Company			Lease Valencia Canyon Unit		Well No. 10
Unit Letter H	Section 34	Township 28N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1830 feet from the North line and 820 feet from the East line					
Ground Level Elev. 7276	Producing Formation Pictured Cliffs		Pool Choza Mesa Pictured Cliffs		Dedicated Acreage: 160 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?

☐ 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.

Name

J. L. KRUPKA

Position

AREA ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

JULY 14, 1977

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 15, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kott Jr.

Certificate No.

3950

VALENCIA CANYON UNIT NO. 10
1830 FNL & 820 FEL, SECTION 34, T-28-N, R-4-W
RIO ARriba COUNTY, NEW MEXICO

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.

L.O. Ipson Jr.
jr

JULY 12, 1977

Date

AREA SUPT.

Name and Title

DEVELOPMENT PLAN
VALENCIA CANYON UNIT NO. 10
1830 FNL & 820 FEL, SECTION 34, T-28-N, R-4-W
RIO ARriba COUNTY, NEW MEXICO

The proposed location has big sagebrush and various grasses with occasional pinon trees. The geological name of the surface formation is the Paleozoic San Jose. A new road 7900' will be required. No construction materials will be used for building the location; dirt will be leveled at the well site. Verbal approval of the drill site has been obtained from Mr. Dick C. Cooke, U. S. Forest Service; Mr. Jerry Long, USGS; and Ms. Dabney Ford, Archaeologist.

Arrangements are being made to haul water from Carrizo Wash or from the El Paso water hole on existing roads, approximately ten miles. Drilling fluid to TD will be a low solids non-dispersed mud system. Upon completion the location will be cleaned up and leveled. Drilling mud and water will be hauled away and the reserve pit backfilled. Attached is the seeding plan to be followed for this well.

There are neither airstrips nor camps in the vicinity.

The estimated tops of important geological formations bearing hydrocarbons are:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Pictured Cliffs	4145'	+3130'
Lewis Shale	4300'	+2975'

Estimated KB elevation: 7276'

<u>Est. Depth</u>	<u>Csg. Size</u>	<u>Weight</u>	<u>Hole Size</u>	<u>Sacks Cement - Type</u>
300'	8-5/8"	24#	12-1/2"	175 sx - Class "B", 2% CaCl ₂ .
4375'	4-1/2"	9.5#	7-7/8"	990 sx - Class "B", 6% Gel, 2# Med. Tuf Plug/sx. 50 sx - Class "B" Neat.

Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design.

Amoco plans to run the following logs: from 300' to TD, Induction-Electric; from 2470' to TD, Density-Gamma Ray. No cores or Drill Stem Tests will be taken.

In the past, drilling in this area has shown that no abnormal pressure, temperatures or hydrocarbon gas will be encountered.

We will start operation as soon as well is permitted, and a two-week operation is anticipated.

SEEDING PLAN

1. TIME:

All seeding will take place between July 1, and September 15, 1978, or as required by the U. S. Forest Service.

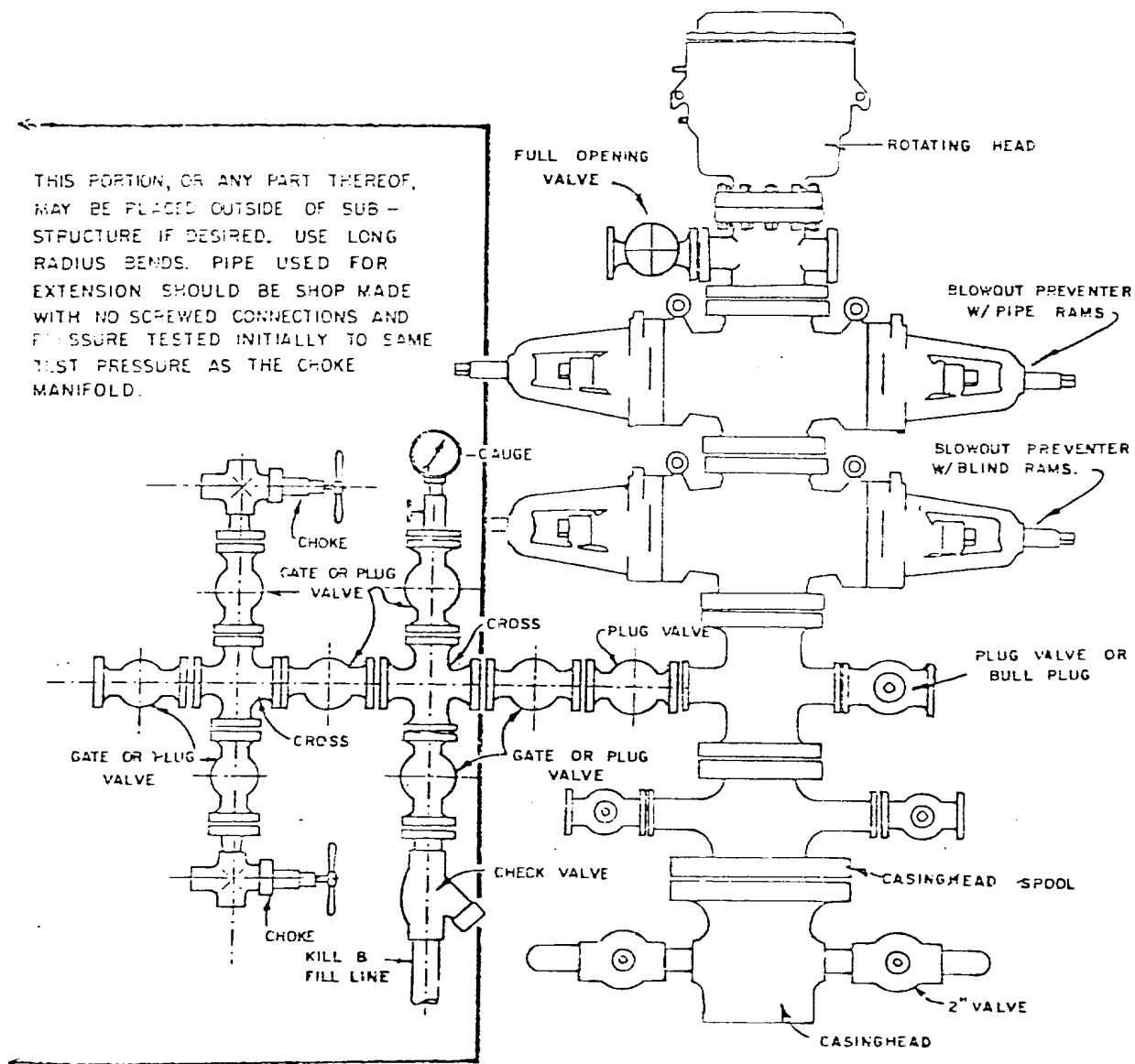
2. EQUIPMENT:

Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted not less than one-half inch deep or more than one inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling will be done on the contour where possible, no up and down the slope. Where slopes are too steep for contour drilling, a "cyclone" hand seeder or similar broadcast seeder will be used. Seed will then be covered to the depth described above by whatever means is practical.

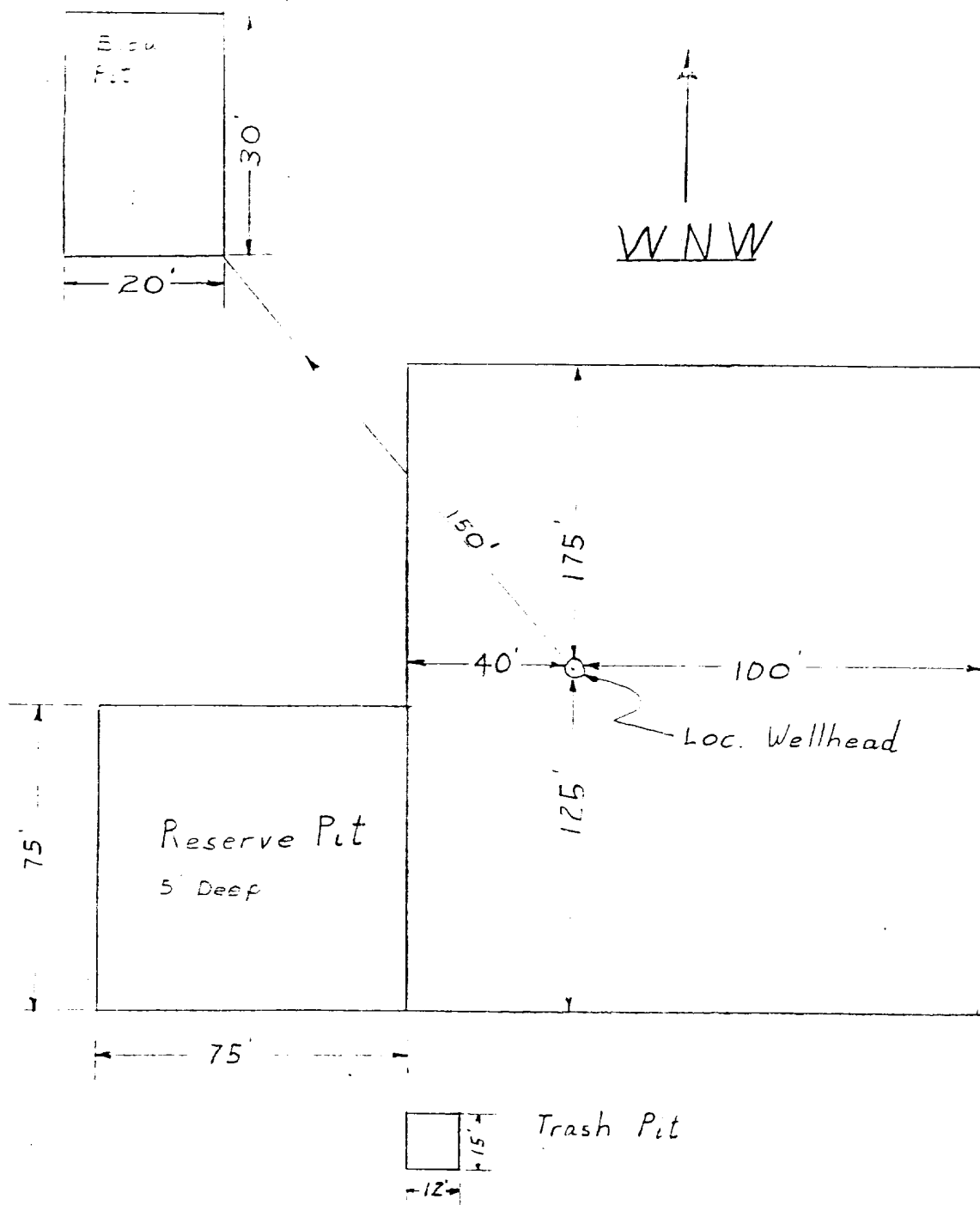
3. SPECIES TO BE PLANTED IN POUNDS PURE-LIVE-SEED PER ACRE:

Crested Wheatgrass	0.71 lbs.
Russian Wild Rye	0.86 lbs.
Perennial Rye Grass	0.57 lbs.
Western Wheatgrass	1.43 lbs.
Smooth Brome	1.14 lbs.
Intermediate Wheat	0.91 lbs.
Pubescent Wheatgrass	1.09 lbs.
Orchard Grass	.298 lbs.

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.

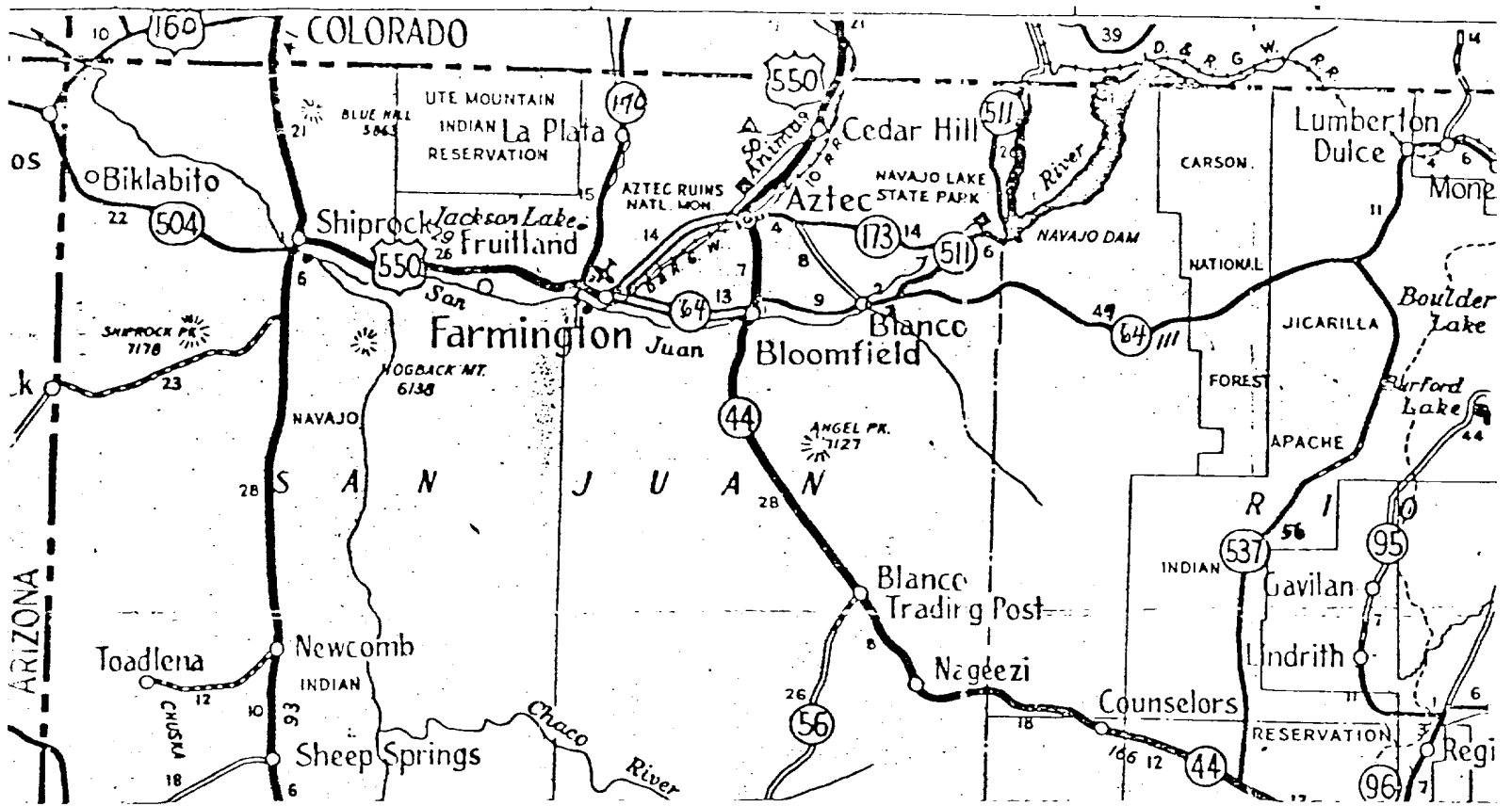


BLOWOUT PREVENTER HOOKUP

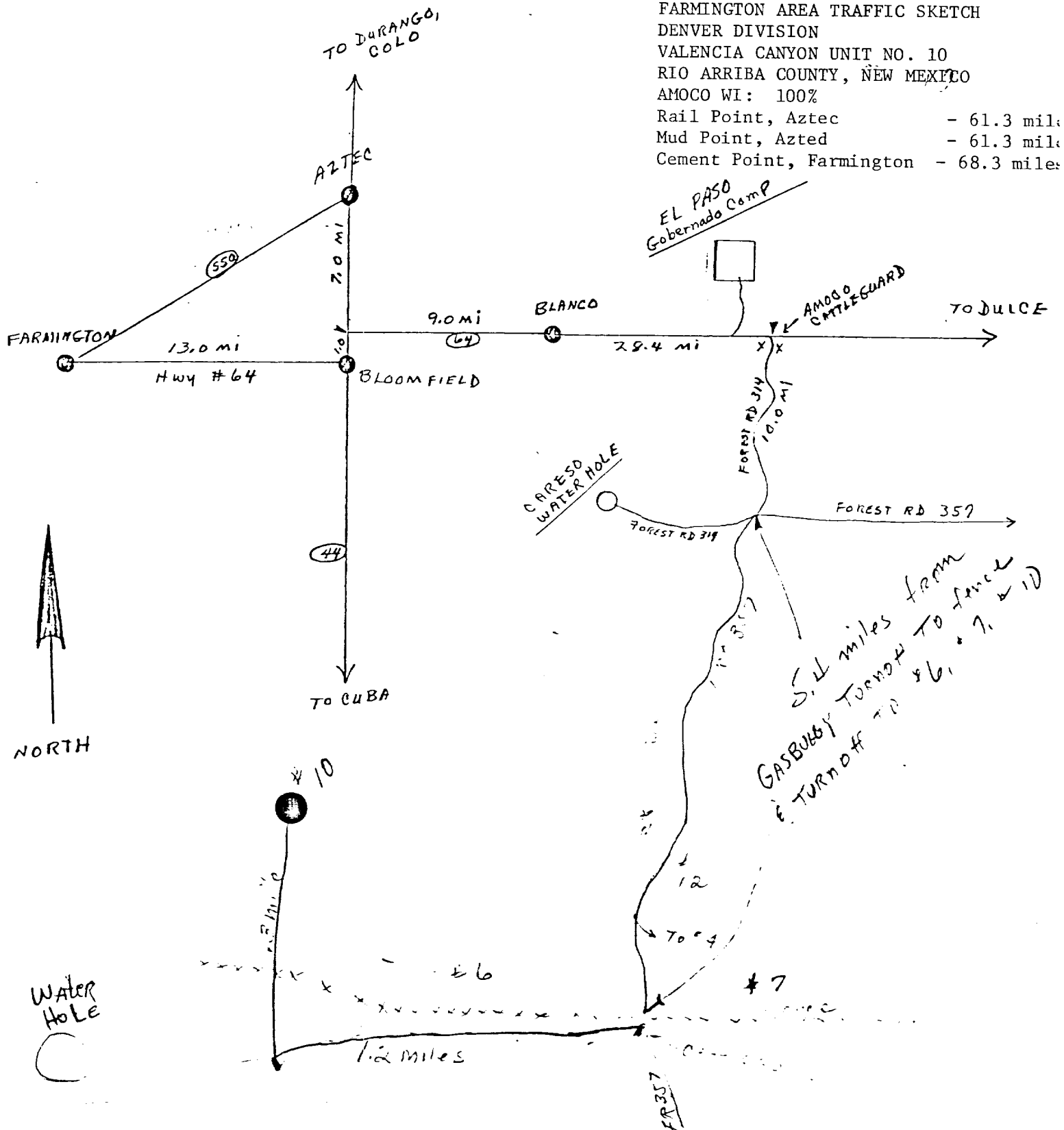


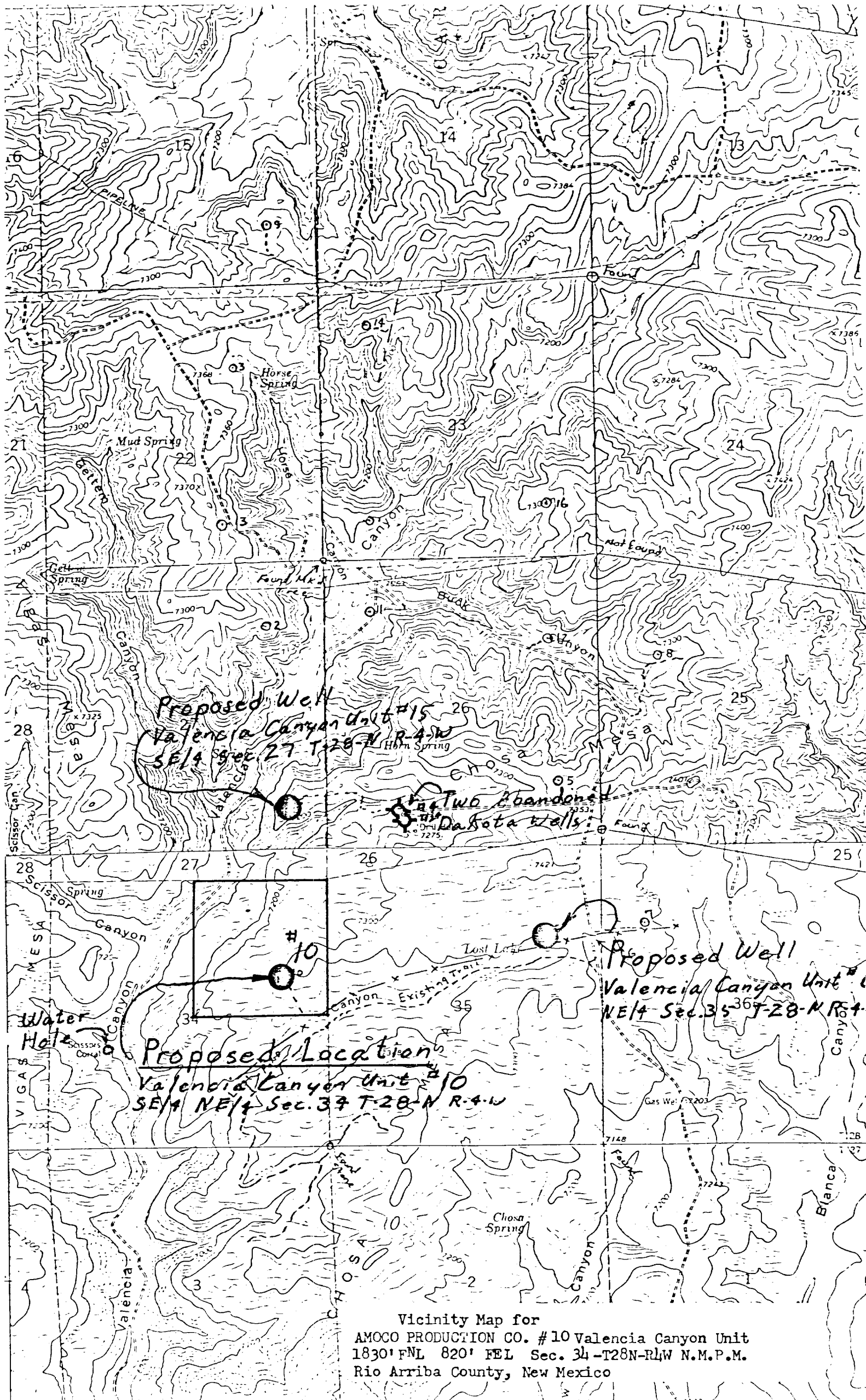
APPROXIMATELY 1.2 Acres

Amoco Production Company		SCALE: NONE
DRILLING LOCATION SPECS		
VALENCIA CANYON UNIT NO. 10		DRG. NO.



FARMINGTON AREA TRAFFIC SKETCH
 DENVER DIVISION
 VALENCIA CANYON UNIT NO. 10
 RIO ARriba COUNTY, NEW MEXICO
 AMOCO WI: 100%
 Rail Point, Aztec - 61.3 miles
 Mud Point, Aztec - 61.3 miles
 Cement Point, Farmington - 68.3 miles





Vicinity Map for
AMOCO PRODUCTION CO. #10 Valencia Canyon Unit
1830' FNL 820' FEL Sec. 34-T28N-R4W N.M.P.M.
Rio Arriba County, New Mexico