

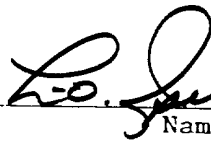
UTE INDIANS "A" NO. 10
1760' FSL, 1820' FEL, Section 36, T-32-N, R-14-W
SAN JUAN COUNTY, NEW MEXICO

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.

May 13, 1977

Date



Area Supt.

Name and Title

DEVELOPMENT PLAN
UTE INDIANS "A" NO. 10
1760' FSL & 1820' FEL, SECTION 36, T-32-N, R-14-W
SAN JUAN COUNTY, NEW MEXICO

The pad was previously constructed in 1971 and then abandoned. The whole area is disturbed and no cultural materials were found. The location is on a slight slope to the northwest and the only vegetation is russian thistle. There is an existing road beside the location and no access road will be needed. Clearance for the location was recommended by Mrs. Suzanne Dehoff.

The geologic name of the surface formation is Cretaceous Menefee. No new road will be built.

Arrangments are being made to haul water from the La Plata Highway irrigation ditch. Drilling fluid to 600' will be water and natural gel. Low solids non-dispersed mud will be used from 600' to TD. Upon completion the location will be cleaned up, leveled and reseeded. Water and mud will be hauled from the reserve pit and graded into roads. The reserve pit will be leveled and reseeded. Attached is the BLM seeding plan to be followed for this well.

There are no airstrips or camps in the vicinity.

The estimated tops of important geological formations are:

<u>Formation</u>	<u>Depth</u>	<u>Elevation</u>
Dakota	2415'	+3800'
Morrison	2695'	+3520'
Upper Hermosa	6485'	- 270'
Paradox	7415'	-1200'
Barker Creek	8115'	-1900'
Molas	8315'	-2100'
TD	8350'	-2135'

Estimated KB elevation: 6211'

The casing and cementing program is:

<u>Est. Depth</u>	<u>Csg. Size</u>	<u>Hole size</u>	<u>Sacks Cement - Type</u>
600'	8-5/8"	12-1/4"	400 - Class "B" 2% CaCl2
8350'	5-1/2"	7-7/8"	400 - Class "B" 50:50 Poz & 100 - Class "B" Neat (1st stage) 600 - Class "B" 50:50 Poz & 100 - Class "B" Neat (2nd stage)

Stage collar to be set 200' below base of Dakota.

Amoco's standard blowout preventer design will be used as shown on the attachment.

The logging program will be: At Top Morrison: IES Surface casing - Top
Morrison; Neutron density
2000' - Top Morrison.
At Final TD : IES Top Morrison - TD
Neutron density 7000' - TD.

A drill stem test will be run in the Paradox. No cores will be cut.

No abnormal pressures or temperatures will be encountered. Hydrogen sulfide gas will be encountered in the Paradox.

Our proposed starting date is July 1, 1977, and a six week operation is planned.

BLM SEEDING REQUIREMENTS
IN THE FARMINGTON RESOURCE AREA

1. SEED MIXTURE 2

2. TIME:

All seeding will take place between July 1 and September 15.

3. 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, not 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.

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

CRESTED WHEATGRASS (Agropyron desertorum) - $3\frac{1}{2}$ lbs.

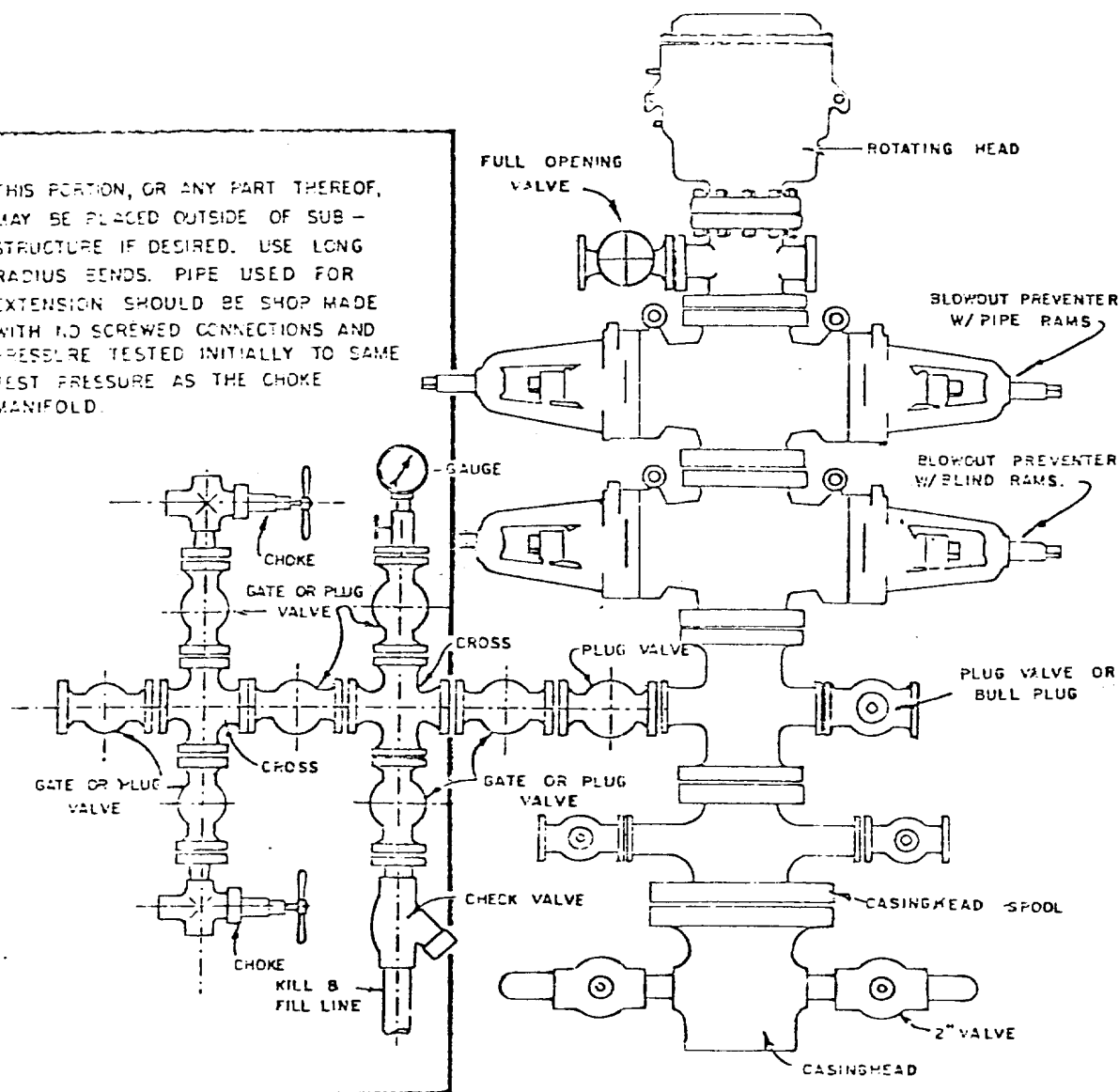
FOURWING SALTBUSH (dewinged) (Atriplex canescens) - $\frac{1}{2}$ lb.

SAND DROPSEED (Sporobolus cryptandrus) - $\frac{3}{4}$ lb.

WINTERFAT (Eurotia lanata) - $\frac{1}{2}$ lb.

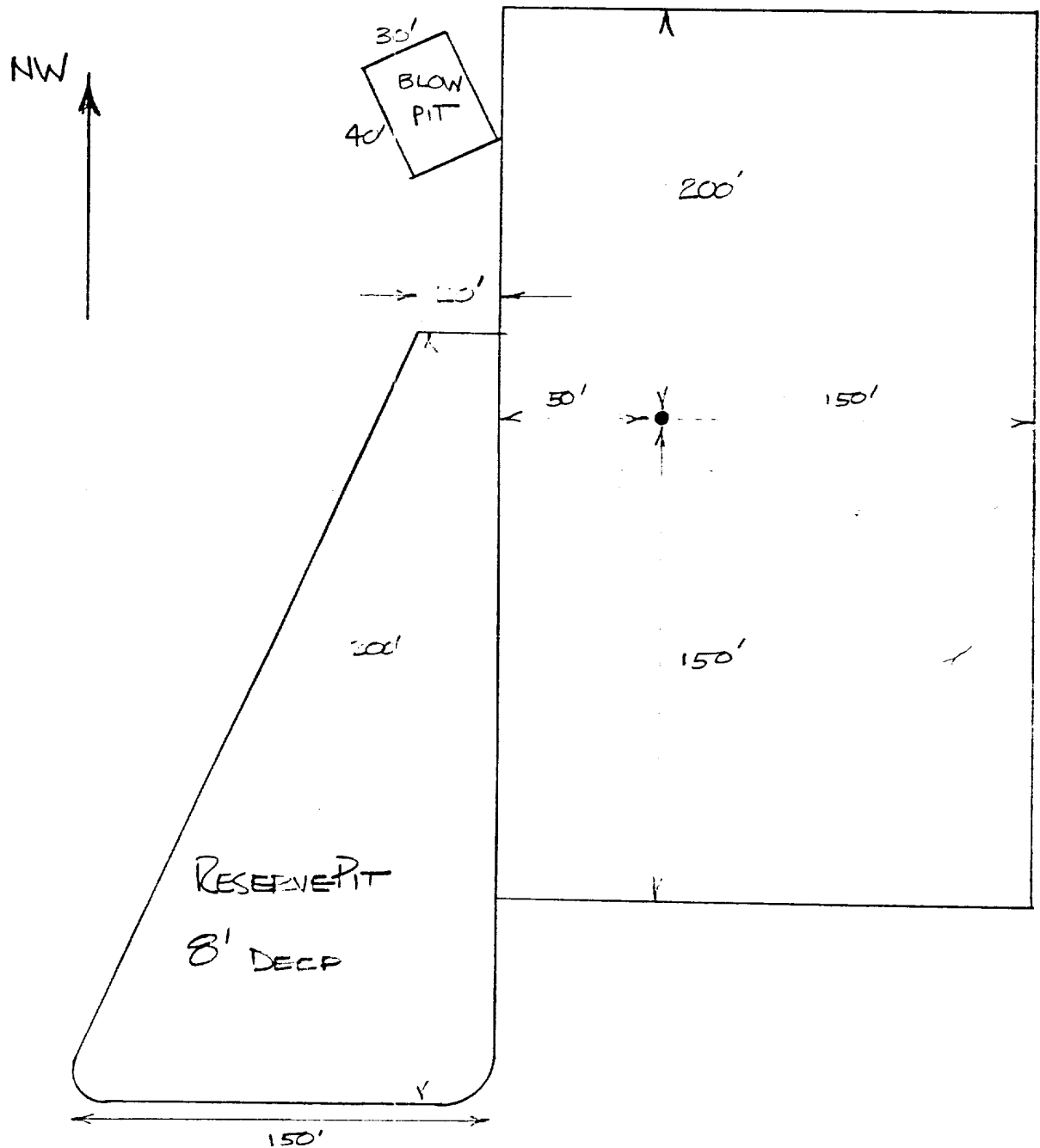
ALKALI SACATON (Sporobolus airoides) - $\frac{3}{4}$ lb.

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.

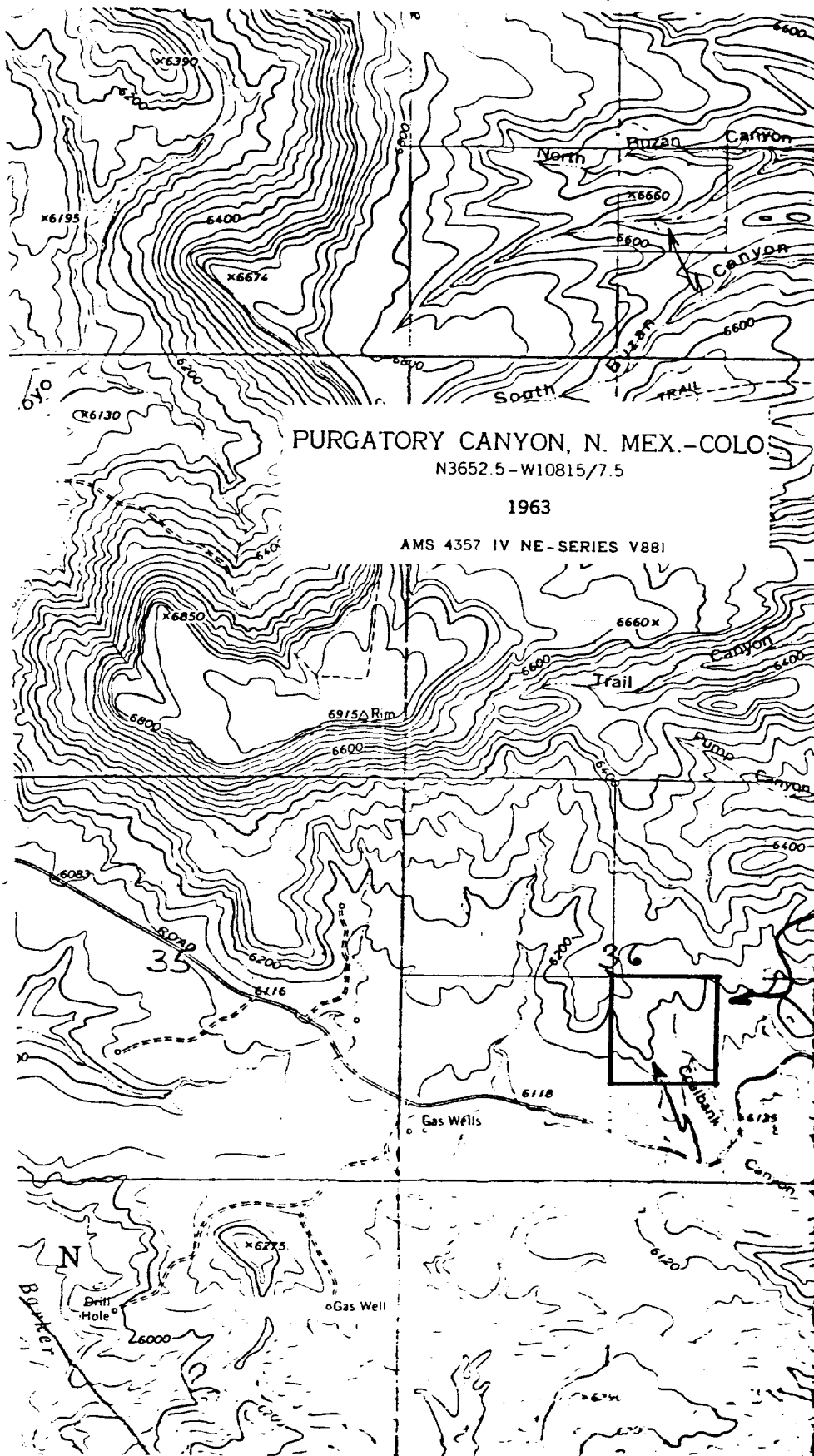


BLOWOUT PREVENTER HOOKUP

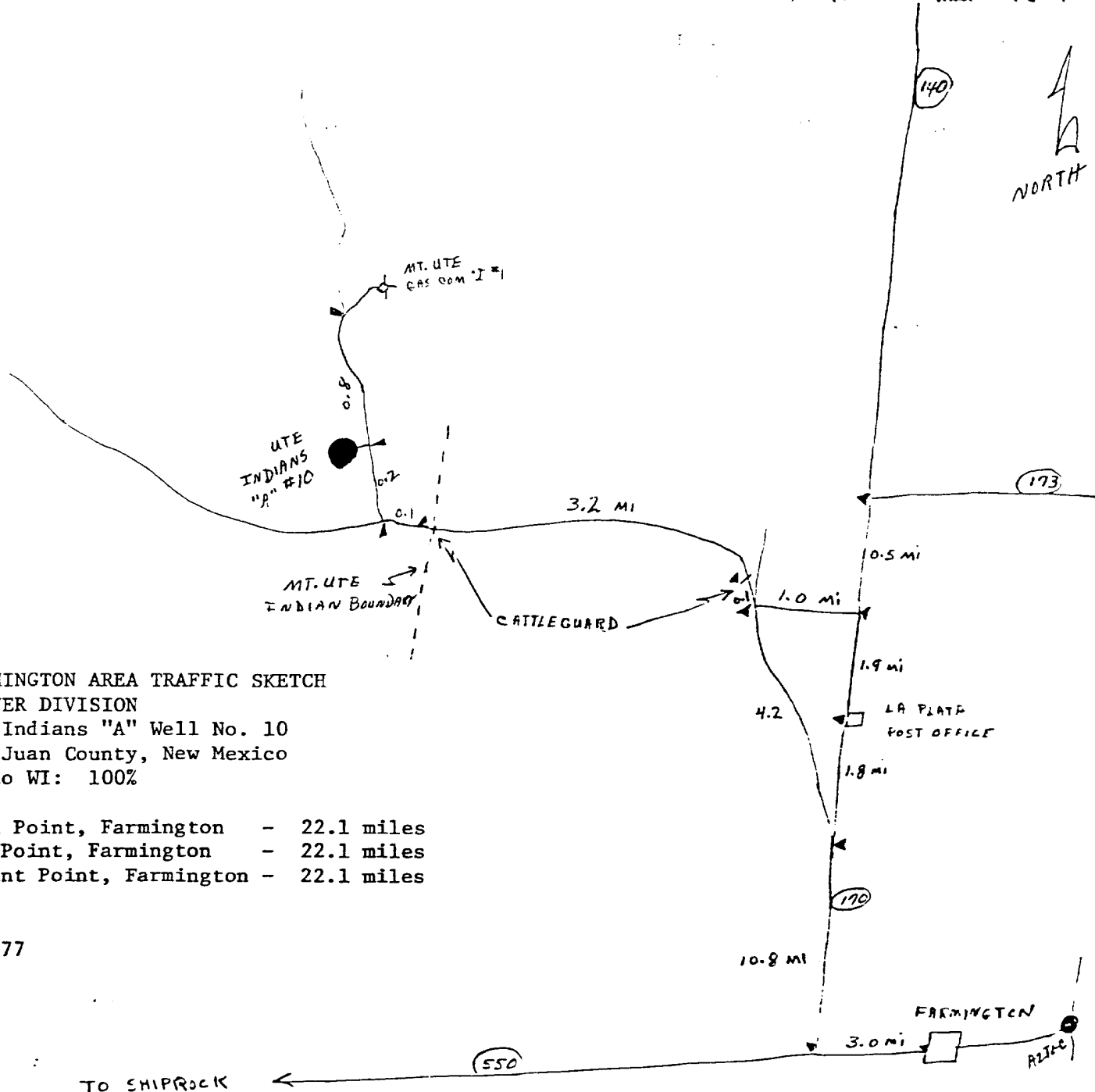
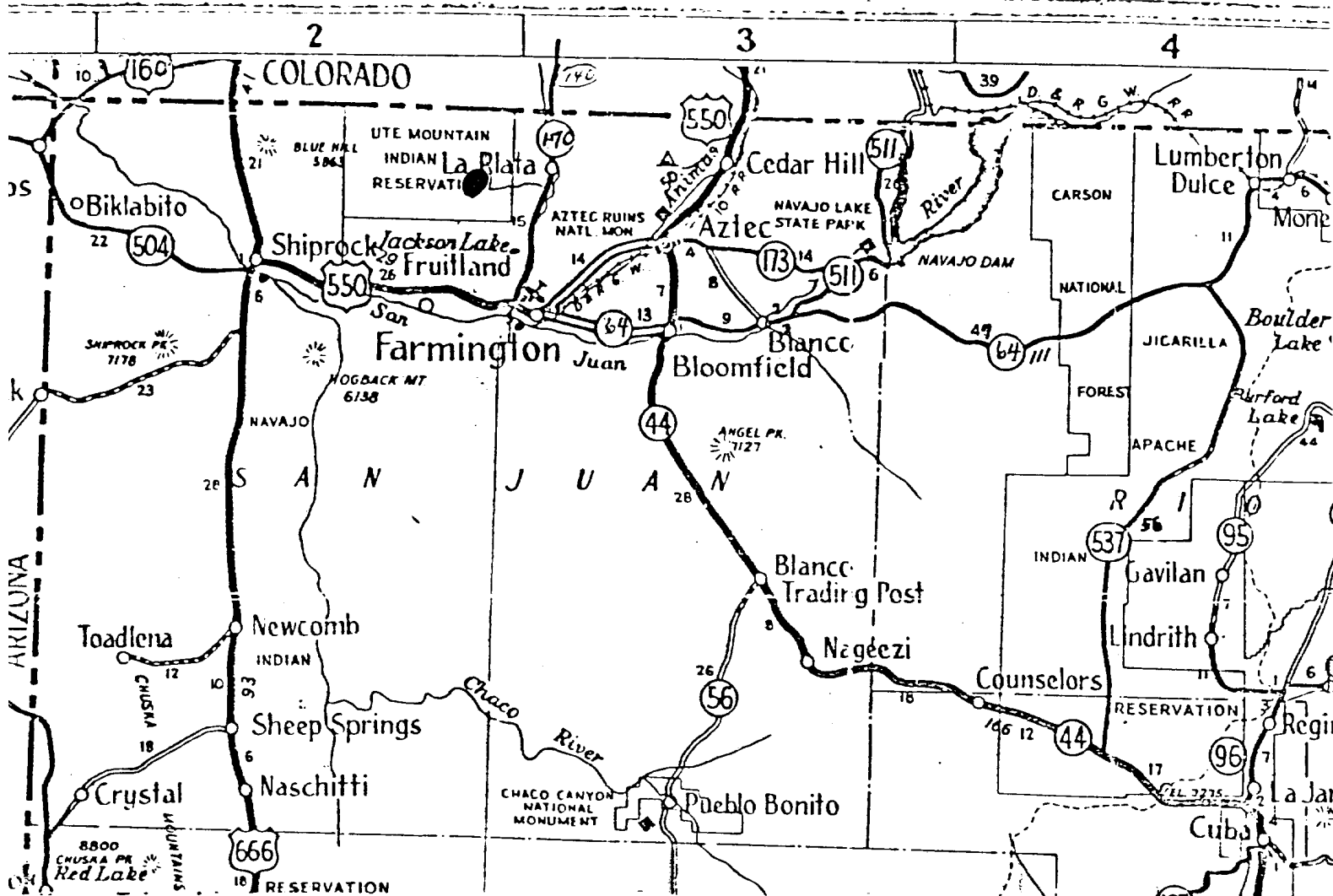
LOCATION SKETCH
UTER INDIANS "A" No. 10
1760' FSL, 1820' FEL
SECTION 36, T32N, R14W
SAN JUAN COUNTY, N.M.



(NOTE: LOCATION BUILT IN 1971)



PROPOSED DRILLING
LOCATION
UTE INDIANS "A"
No.
NW/4 SE/4 Sec 36
T-32-N, R-14-W
SAN JUAN COUNTY,
N.M.



FARMINGTON AREA TRAFFIC SKETCH
 DENVER DIVISION
 Ute Indians "A" Well No. 10
 San Juan County, New Mexico
 Amoco WI: 100%

- Rail Point, Farmington - 22.1 miles
- Mud Point, Farmington - 22.1 miles
- Cement Point, Farmington - 22.1 miles

5-4-77

TO SHIPROCK