

UTE TRIBAL "L" No. 1  
1830' FSL, 2040' FEL, Section 24, 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 TRIBAL "L" NO. 1  
1830' FSL & 2040' FEL, SECTION 24, T-32-N, R-14-W  
SAN JUAN COUNTY, NEW MEXICO

The location will be on a finger between Buzan Canyons North and South. The soil is a sandy clay loam and the vegetation consist of juniper, pinon, morman tea, prickly pear cactus, broom snakeweed, broad leaf yucca, mountain mohogany, and gambles oak.

Access will be a road approximately 4000 feet in length and 25 feet wide. This road runs in a west southwest direction to an existing road in Section 23.

No cultural resources were found and clearance was recommended. The other proposed access road would shorten the route to Ute Tribal "L" No. 1. It is located in Sections 25 and 36 of Township 32 North, Range 14 West, San Juan County, New Mexico.

This road will begin in Section 36 and will run uphill to a mesa top in Section 25, here it will run along an existing pipeline to another road that goes to the direct access road to Ute Tribal "L" No. 1.

The road is in broken terrain and vegetation is that of a typical juniper-pinon woodland.

No cultural resources were found during this survey and clearance for the road was recommended.

The geologic name of the surface formation is Cretaceous Cliffhouses, as shown on the attached map, 1.25 miles of new road will be built. No construction material will be used to build the road.

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	2955'	+3600'
Morrison	3235'	+3320'
Upper Hermosa	7375'	- 820'
Paradox	8305'	-1750'
Barker Creek	9005'	-2450'
Molas	9205'	-2650'
TD	9240'	-2685'
Estimated KB elevation:	6555'	

<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% CaCl <sub>2</sub>
9240'	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 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 Dakota and 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) -  $3\frac{1}{4}$  lbs.

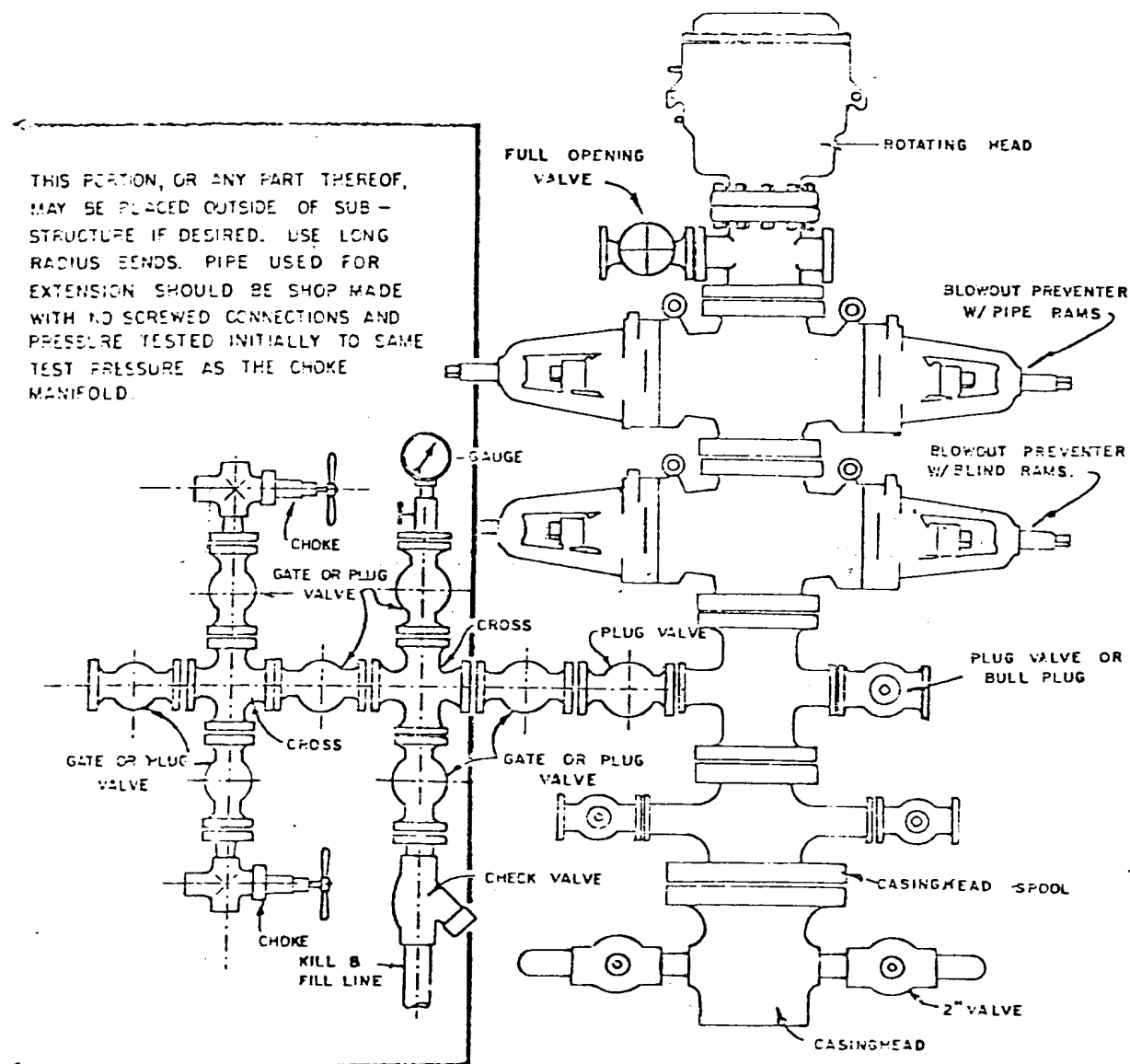
FOURWING SALTBUCH (dewinged) (Atriplex canescens) -  $\frac{1}{2}$  lb.

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

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

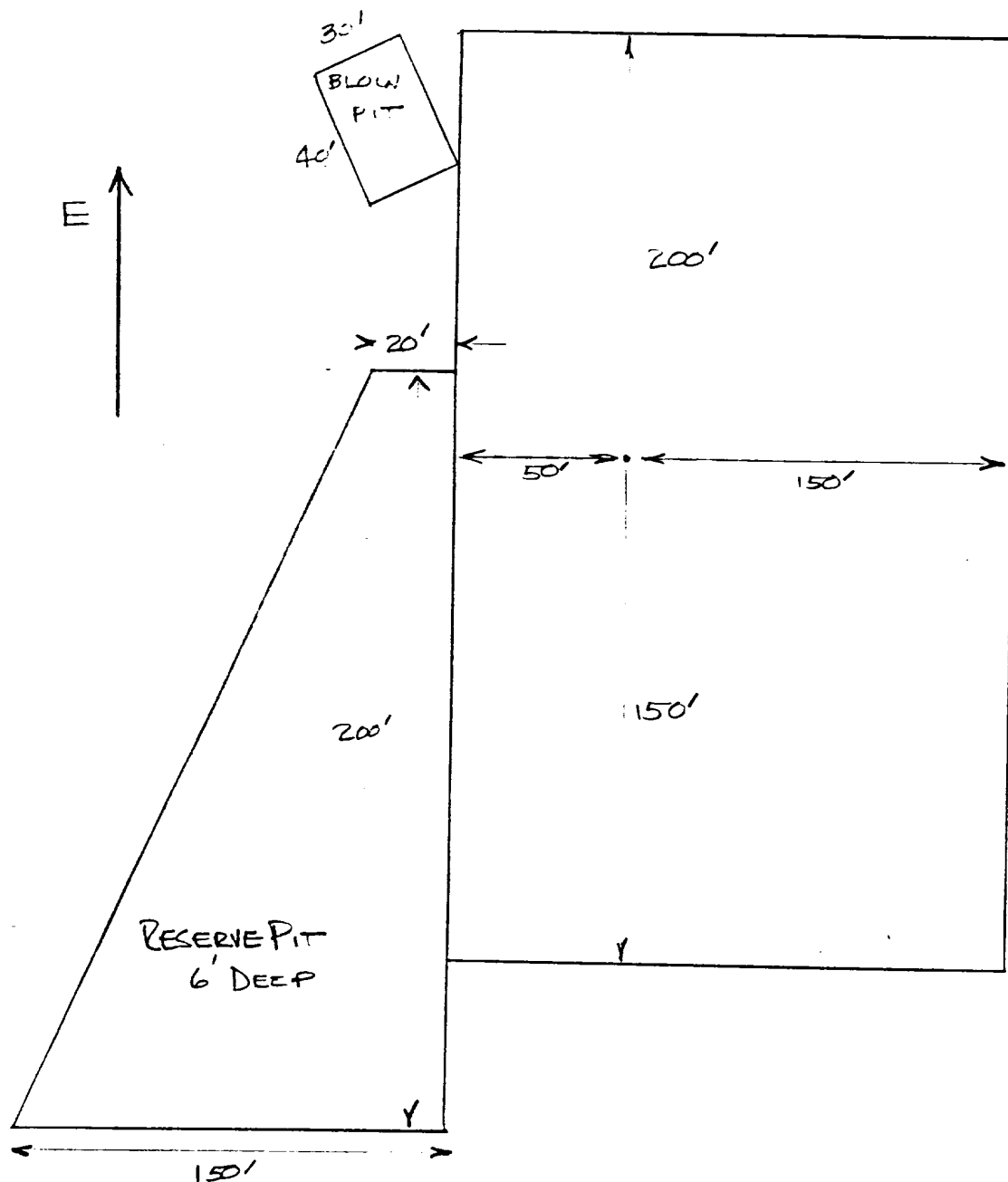
ALKALI SACATON (Sporobolus airoides) -  $\frac{3}{4}$  lb.

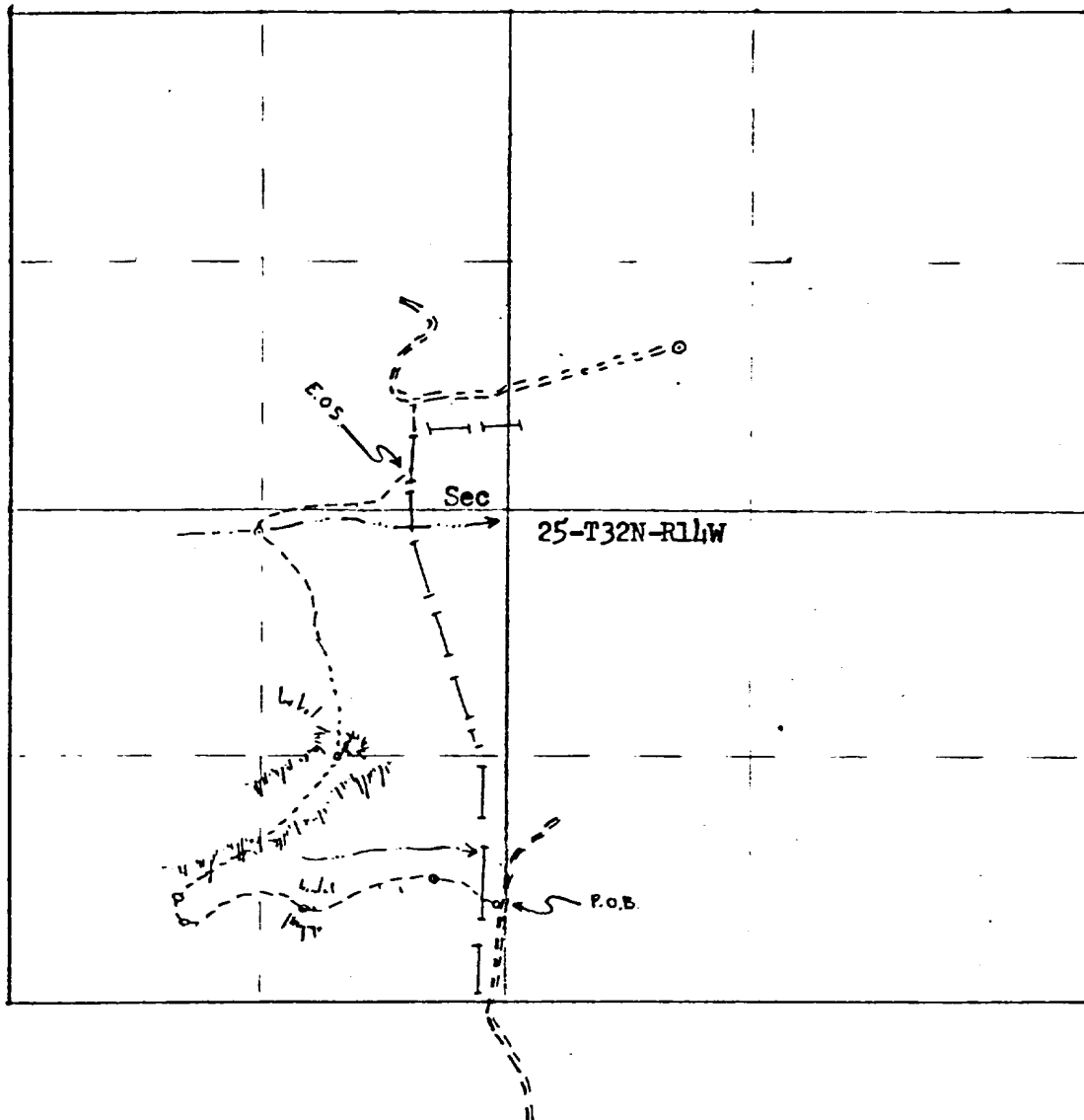
THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

LOCATION SKETCH  
UTE TRIBAL "L" No. 1  
1830' FSL, 2040' FEL  
SECTION 24, T32N, R14W  
SAN JUAN COUNTY, N.M.





Scale: 1"=1000'

Approximate Location of Proposed Access Road on Ute Reservation  
Length of proposed road: 5000' more or less

=== Existing Road

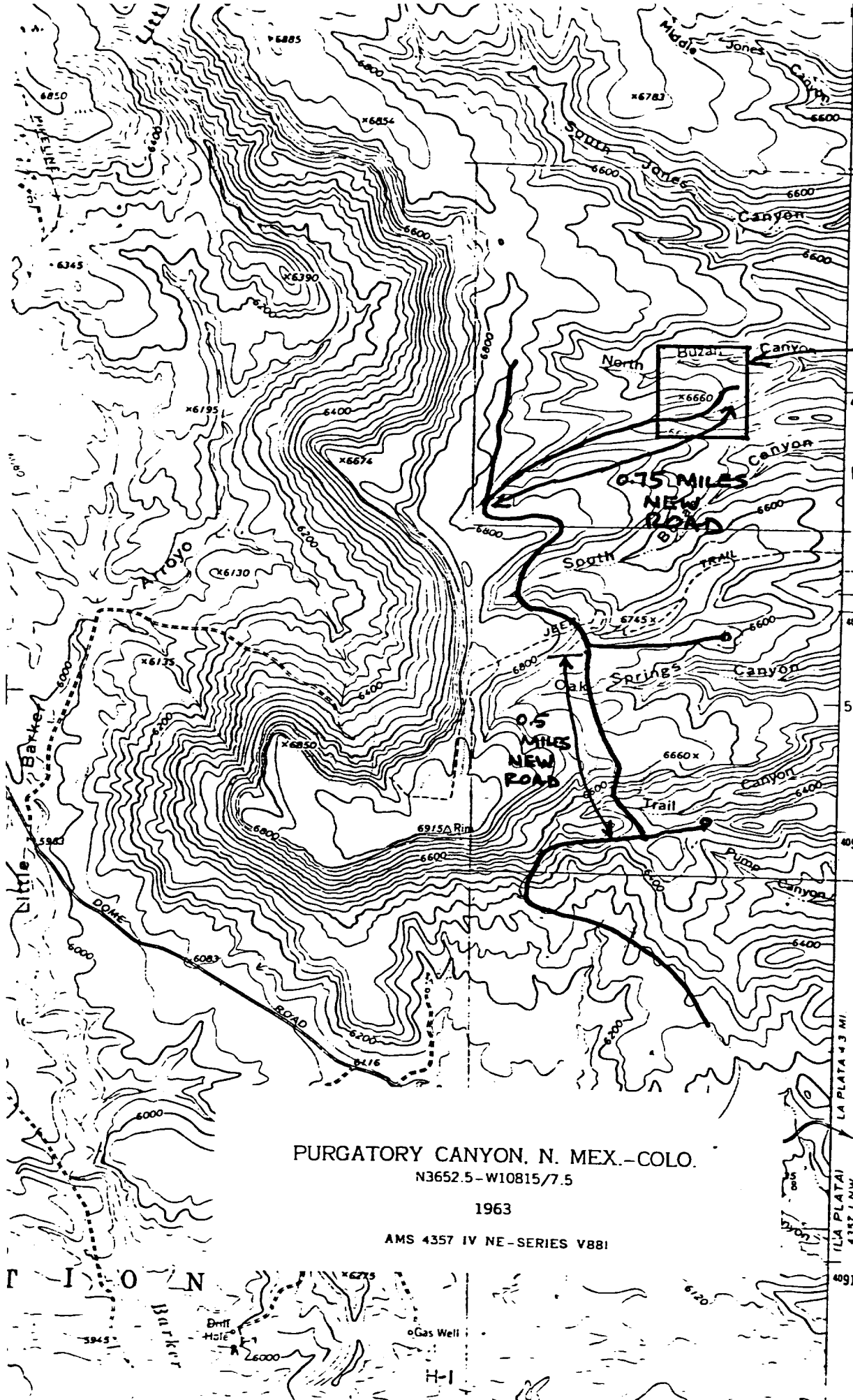
----- Proposed Road

--- Pipeline

Maximum grade: about 14%

Access to Ute Tribal "L" No. 1

*Fred Kerr*  
Fred Kerr  
Laughlin-Simmons & Co.  
May 12, 1977



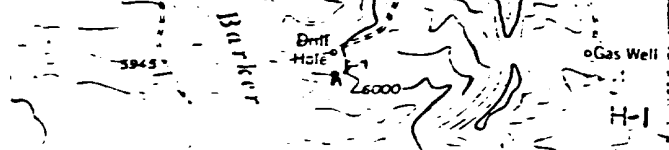
PROPOSED DRILLING  
LOCATION  
UTE TRIBAL "L"  
WELL #1  
NW/4 SE/4 SECTION 24  
T32N, R14W  
SAN JOAN COUNTY,  
NEW MEXICO

PURGATORY CANYON, N. MEX.-COLO.  
N3652.5-W10815/7.5

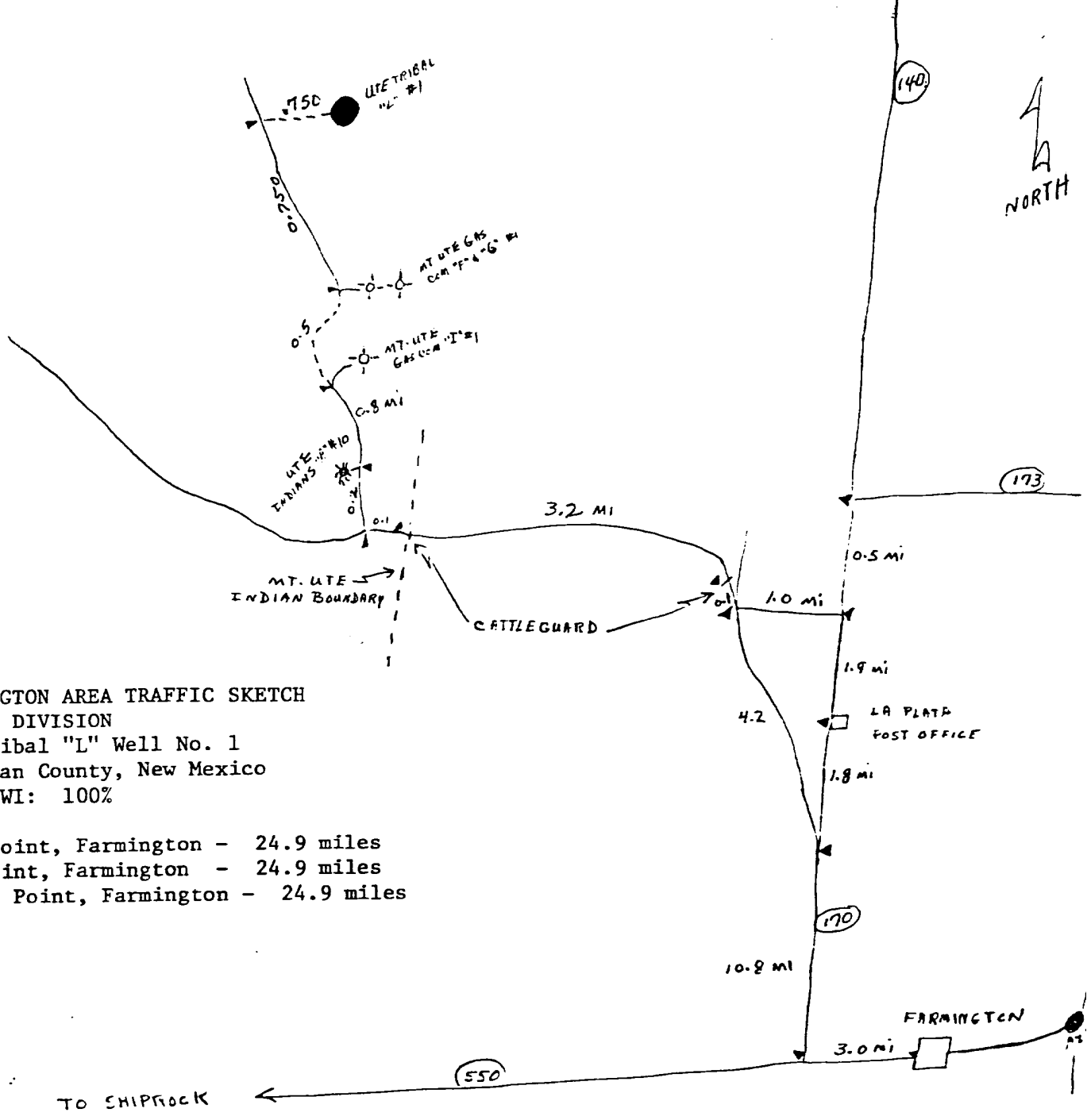
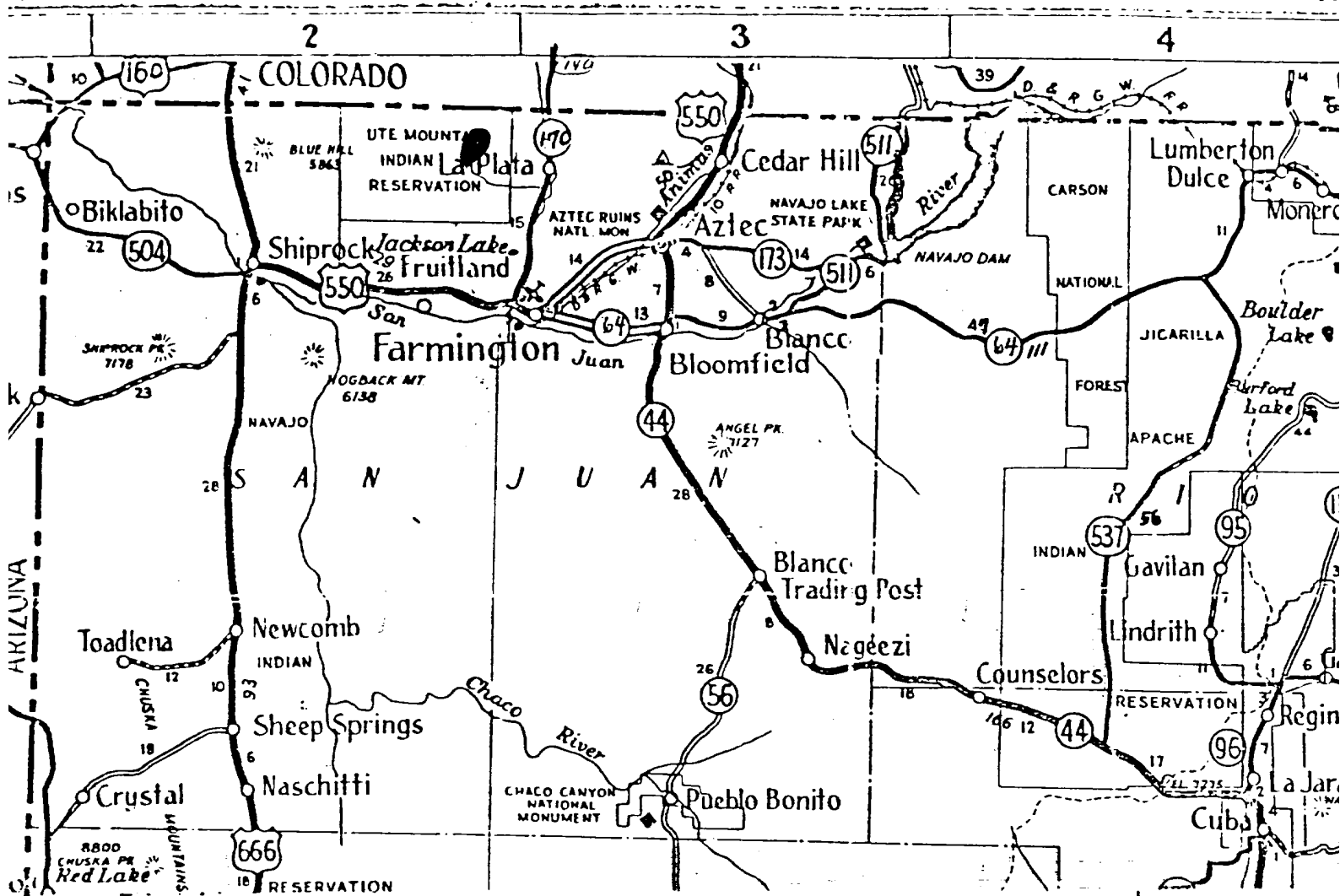
1963

AMS 4357 IV NE-SERIES V881

T 32 N







FARMINGTON AREA TRAFFIC SKETCH  
 DENVER DIVISION  
 Ute Tribal "L" Well No. 1  
 San Juan County, New Mexico  
 Amoco WI: 100%

Rail Point, Farmington - 24.9 miles  
 Mud Point, Farmington - 24.9 miles  
 Cement Point, Farmington - 24.9 miles

5-4-77