

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-095-23500

5. LEASE DESIGNATION AND SERIAL NO.

I-22-IND-619

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE MOUNTAIN TRIBE

7. UNIT AGREEMENT NAME

Develop contract

#14-20-604-62

8. FARM OR LEASE NAME

UTE INDIANS "A"

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

UTE DOME DAKOTA

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

SW/4 SW/4 Section 25,

T-32-N, R-14-W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

## 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, NM 87401

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

At surface

M 1150' FSL x 850' FWL, Section 25, T-32-N, R-14-W

At proposed prod. zone

same

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

5 miles NW of La Plata, New Mexico

15. DISTANCE FROM PROPOSED\*

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

850'

16. NO. OF ACRES IN LEASE

4200

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2285'

19. PROPOSED DEPTH

3446'

20. ROTARY OR CABLE TOOLS

Rotary

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

6858' 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"         | 24#             | 300'          | 225 SX             |
| 7-7/8"       | 4-1/2"         | 10.5#           | 3446'         | 1025 SX            |

The above well is being drilled to develop the Dakota formation. Completion interval and stimulation program to be determined from study of open hole logs.

The acreage is dedicated to Southern Union Gathering Company. Additional information required by NTL-6 for the application to drill and a Multi-Point Surface Use Plan are attached.

APR 20 1979

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. Jachell

TITLE District Engineer

DATE April 24, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

oh Frank

RECEIVED

DATE

APR 25 1979

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

**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.

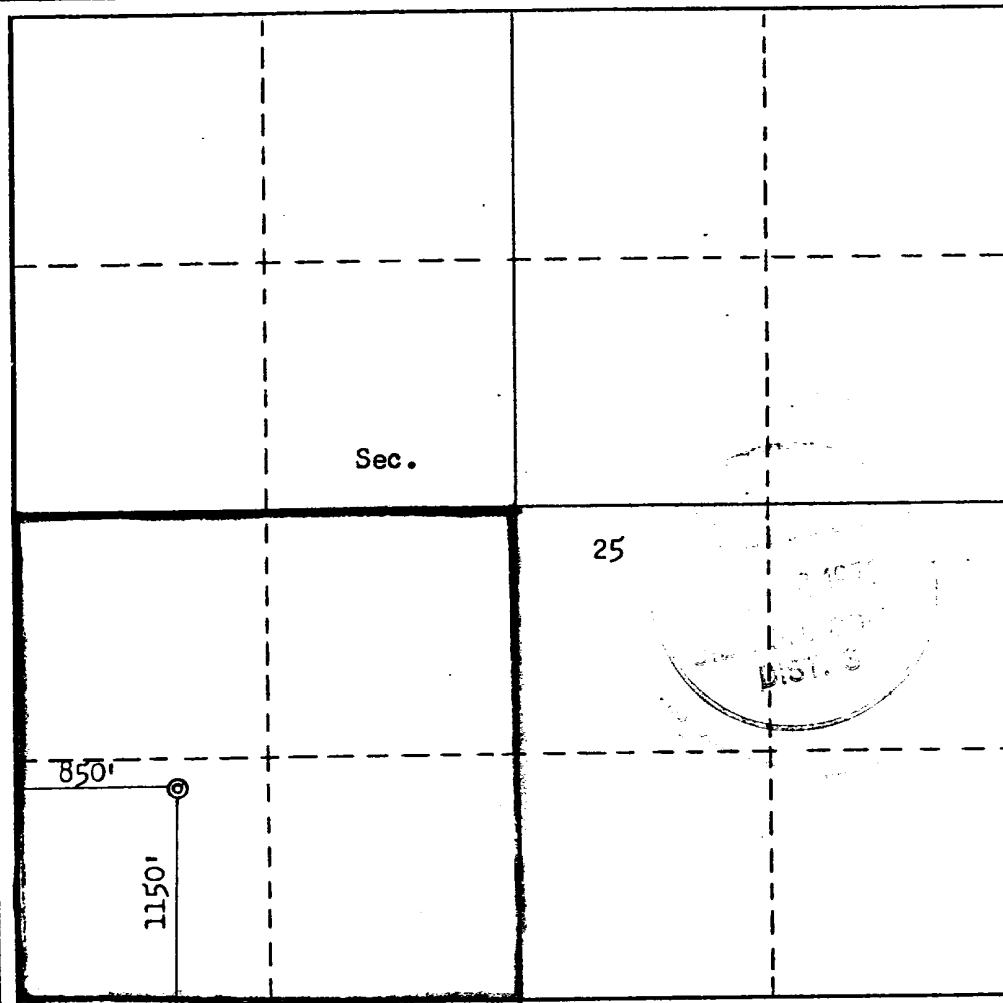
|   |                                      |                        |                                |                           |  |
|---|--------------------------------------|------------------------|--------------------------------|---------------------------|--|
| Operator<br><b>AMOCO PRODUCTION COMPANY</b>   |                                      |                        | Lease<br><b>UTE INDIAN "A"</b> |                           | Well No.<br><b>14</b>                  |
| Unit Letter<br><b>M</b>   | Section<br><b>25</b>                 | Township<br><b>32N</b> | Range<br><b>14W</b>            | County<br><b>San Juan</b> |  |
| Actual Footage Location of Well:<br><b>1150</b> feet from the <b>South</b> line and <b>850</b> feet from the <b>West</b> line |                                      |                        |                                |                           |  |
| Ground Level Elev.<br><b>6858</b>   | Producing Formation<br><b>Dakota</b> |                        | Pool<br><b>Ute Dome Dakota</b> |                           | Dedicated Acreage:<br><b>160</b> 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.*

*B E Fackrell*

Name

**B. E. FACKRELL**

Position

**DISTRICT ENGINEER**

Company

**AMOCO PRODUCTION COMPANY**

Date

**APRIL 16, 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

**March 1979**

Registered Professional Engineer and/or Land Surveyor

*Fred B. Fackrell*  
**Fred B. Fackrell**

Certificate No.

**3950**

SUPPLEMENTAL INFORMATION TO FORM 9-331C  
REQUIRED BY NTL-6  
UTE INDIANS "A" NO. 14  
1150' FSL & 850' FWL, SECTION 25, T32N, R14W  
SAN JUAN COUNTY, NEW MEXICO

The geologic name of the surface formation is the Cretaceous Menefee

The estimated tops of important geological formations bearing hydrocarbons are:

| <u>FORMATION</u> | <u>DEPTH</u> | <u>ELEVATION</u> |
|------------------|--------------|------------------|
| Gallup           | 2276'        | +4594'           |
| Greenhorn        | 2997'        | +3873'           |
| Graneros Shale   | 3057'        | +3813'           |
| Graneros Dakota  | 3119'        | +3751'           |
| Main Dakota      | 3224'        | +3646'           |
| Morrison         | 3364'        | +3506'           |

TD 3346'

Estimated KB elevation is 6870'.

The casing program to be used will include all new casing:

| <u>EST. DEPTH</u> | <u>CSG. SIZE</u> | <u>WEIGHT</u> | <u>HOLE SIZE</u> | <u>SACKS CEMENT</u> - <u>TYPE</u>                              |
|-------------------|------------------|---------------|------------------|--|
| 300'              | 8-5/8"           | 24#           | 12-1/4"          | 225 Class "B" 2% CaCl <sub>2</sub> .                           |
| 3446'             | 4-1/2"           | 10.5#         | 7-7/8"           | 1025 Class "B" 50:50 Pozmix<br>6% Gel, 2# Med. Tuf<br>Plug/sx. |

Amoco's standard blowout prevention will be employed; see attached drawing of our blowout preventer design.

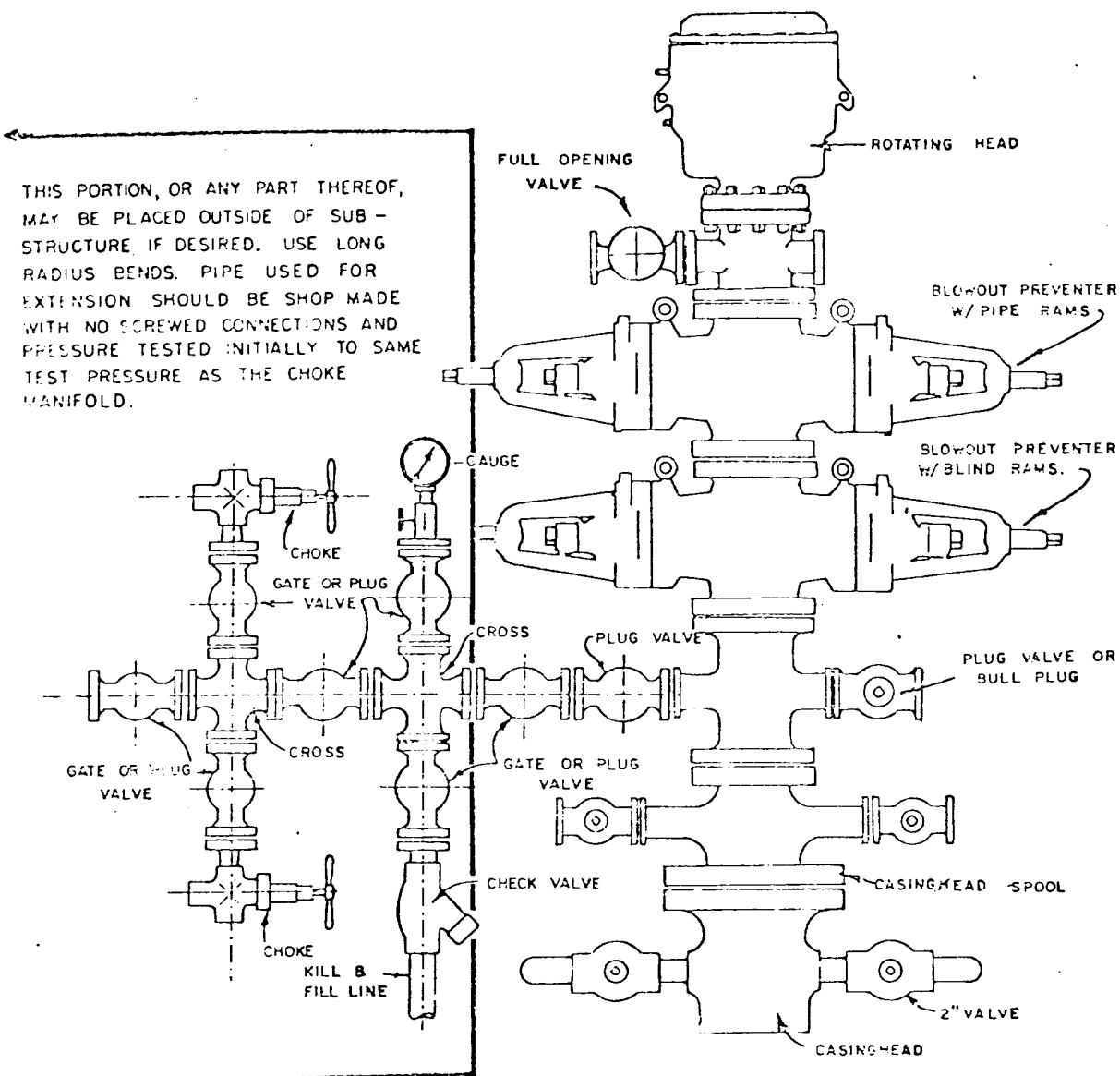
Drilling fluid to TD will be a low solids non-dispersed mud system.

Amoco will run an Induction Electric Survey from TD to 300' and a Density-Gamma Ray Log from TD to 2000' and a Gamma Ray Log from 2000' to surface. No cores or drill stem tests will be taken.

In the past, drilling in this area has shown that no abnormal pressures, temperatures, nor hydrogen sulfide gas will be encountered.

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

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

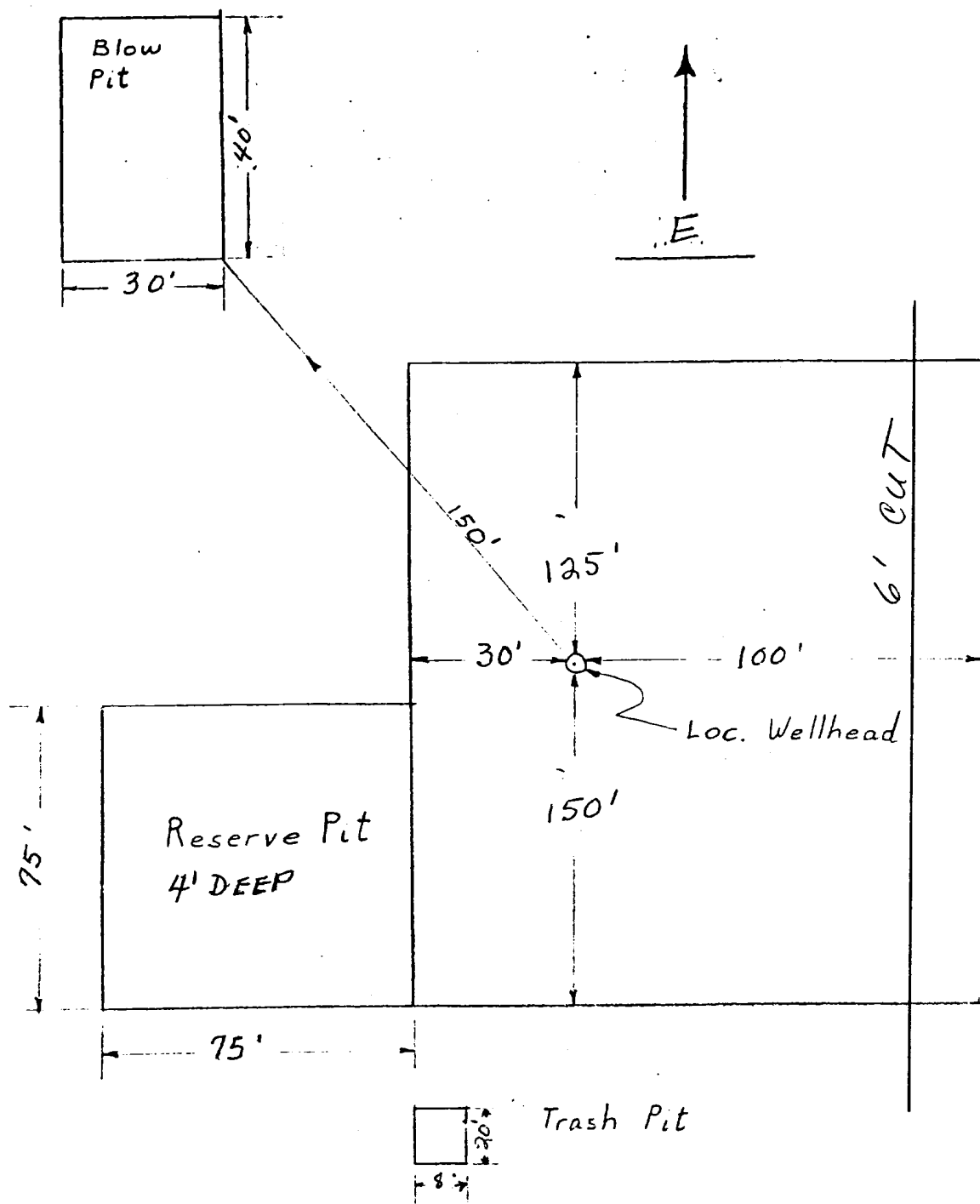
MULTI-POINT SURFACE USE PLAN

UTE INDIANS "A" NO. 14  
1150' FSL & 850' FWL, SECTION 25, T32N, R14W  
SAN JUAN COUNTY, NEW MEXICO

1. The attached road map and sketch show the proposed route to the location and distances from towns.
2. A new 20-foot wide road, 1500 feet in length, will be built with bar ditch on one side. No cattleguards or culverts unless specified by Ute Indian representative.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There are no tank battery facilities located at nearby wells spotted on the vicinity map.
5. Water will be hauled over existing roads from the La Plata Ditch Company.
6. No construction materials will be hauled in for this location.
7. A 75' X 75' pit will be built on location to hold all drilling waste. Upon completion of well, all waste and liquid will be pumped out and fluids will be bladed into roads.
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. A 6-foot cut will be made on south side of location.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drainage ditches will be built to handle run-off. Reseeding of the site will be in accordance with instructions from the Bureau of Indian Affairs.
11. The general topography and soil characteristics are a broken ridge slope with easterly drainage, sandstone outcrops, rocky clay loam soil, with vegetation consisting of cedar and pinon trees with very little grass.

Representatives of the U. S. Geological Survey, Durango Office (Don Englishman) and the Ute Mountain Tribe (T.E. Taylor and Ben Salas) inspected the site with Amoco personnel. Cultural resources inspection was conducted by Dabney Ford, Archaeologist, from San Juan College.

12. A Certification Statement by Amoco's representative is included.



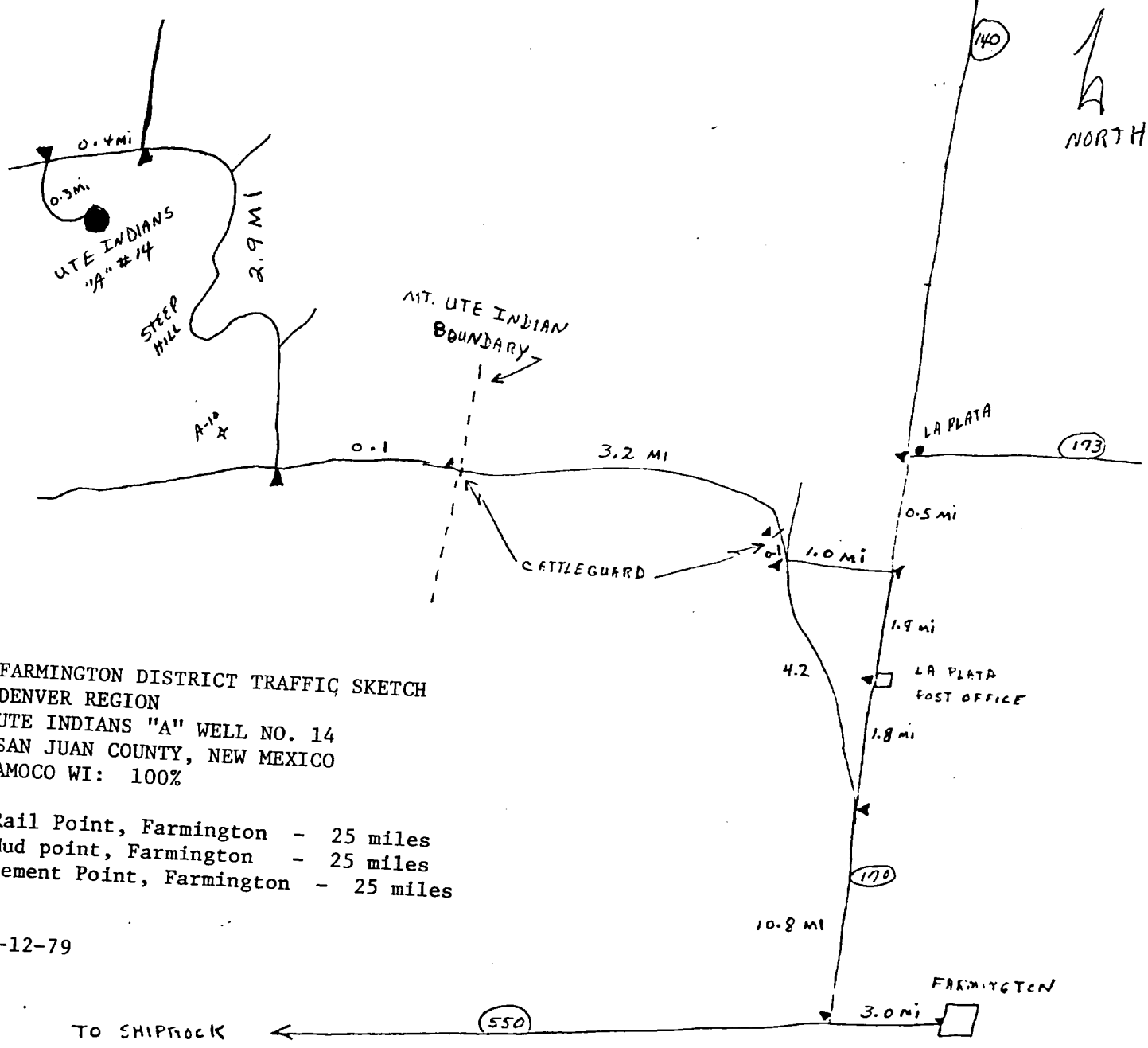
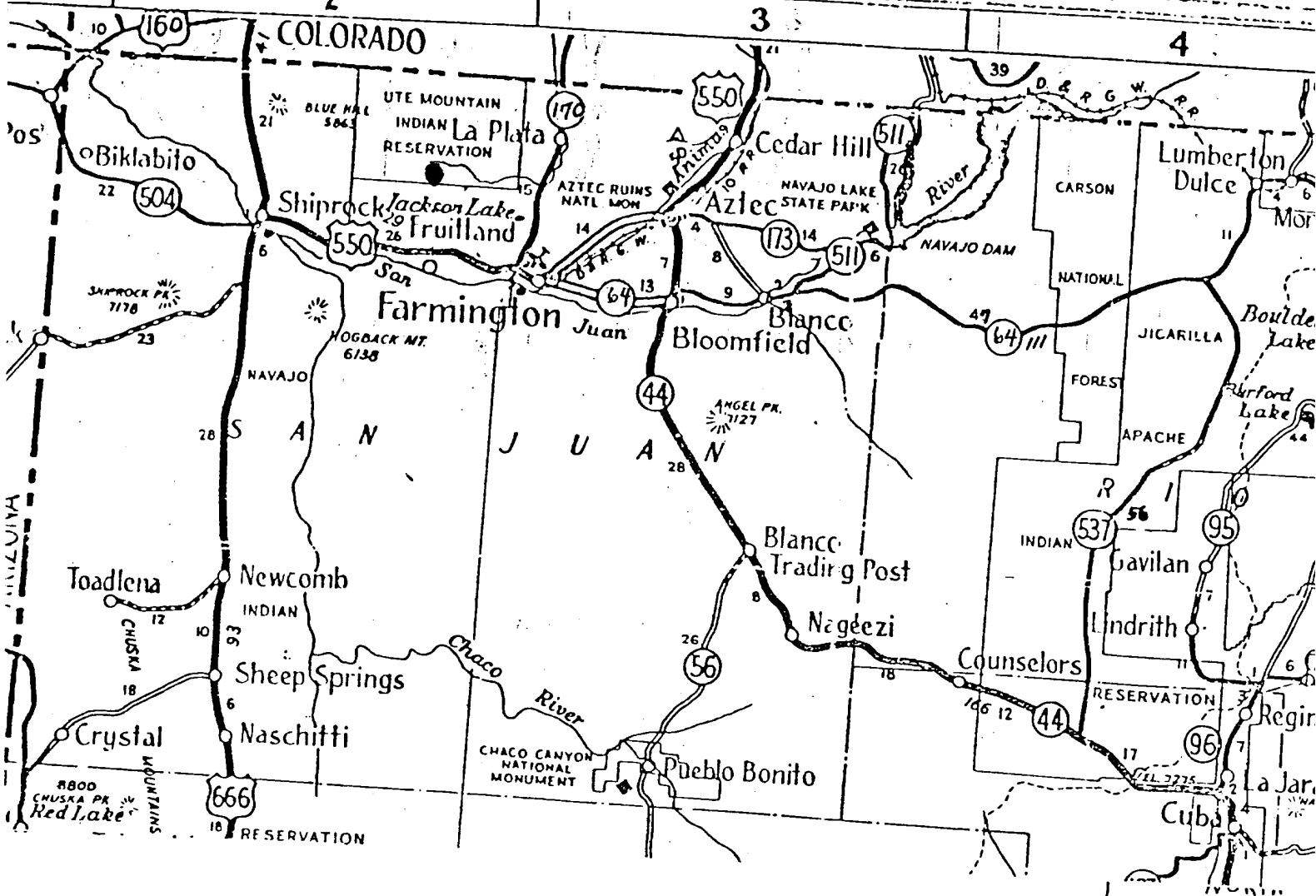
— APPROXIMATELY 1.2 Acres

Amoco Production Company

SCALE: NONE

DRILLING LOCATION SPECS  
UTE INDIANS "A" NO. 14

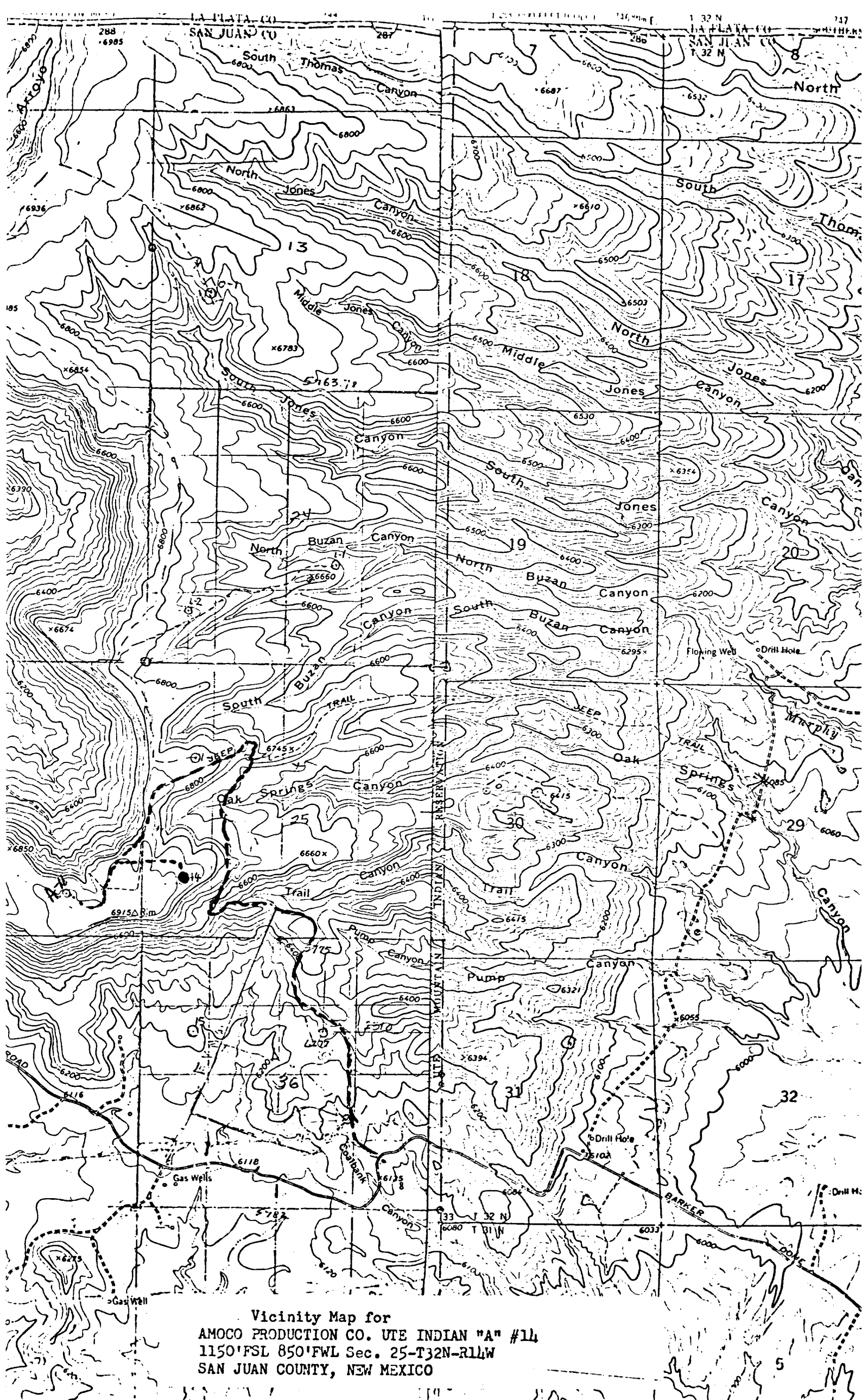
DRG.  
NO.



FARMINGTON DISTRICT TRAFFIC SKETCH  
 DENVER REGION  
 UTE INDIANS "A" WELL NO. 14  
 SAN JUAN COUNTY, NEW MEXICO  
 AMOCO WI: 100%

Rail Point, Farmington - 25 miles  
 Mud point, Farmington - 25 miles  
 Cement Point, Farmington - 25 miles

4-12-79



Vicinity Map for  
AMOCO PRODUCTION CO. UTE INDIAN "A" #114  
1150'FSL 850'FWL Sec. 25-T32N-R11W  
SAN JUAN COUNTY, NEW MEXICO



UTE INDIANS "A" NO. 14  
1150' FSL & 850' FWL, SECTION 25, T32N, R14W  
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 be 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.

April 23, 1979  
Date

R. W. Schroeder District Supt.  
Name and Title

Amoco Production Company's Representative:

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