PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

### SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

37 - 645

(Other instructions on

214

| UNITED STATES |    |     |          |  |  |
|---------------|----|-----|----------|--|--|
| DEPARTMENT    | OF | THE | INTERIOR |  |  |

14-20-603-5034 GEOLOGICAL SURVEY 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Kavajo Tribe 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME DRILL 🔄 DEEPEN [ PLUG BACK b. TYPE OF WELL SINGLE ZONE MULTIPLE ZONE S. FARM OR LEASE NAME WELL . OTHER 2. NAME OF OPERATOR Mavajo Tribal 'V' 9. WELL NO. motion Philliphilater too while 3. ADDRESS OF OPERATOR 23 bel Alrort Brive, Faridayton, Bare exico 37401 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) Tocito Done Penn. 11. SEC., T., B., M., OR BLK.
AND SURVEY OR AREA
SEA SW/4 Section 22, 74. Lab a 211. Fee, section 11, 1-22., 1-13. At proposed prod. zone 1-26-4, 2-18-2 12. COUNTY OR PARISH | 13. STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* New Sexico Sen Juan 12 biles south of militon, new resim 17. NO. OF ACRES ASSIGNED T) THIS WELL 15. DISTANCE FROM PROPOSED\* 16. NO. OF ACRES IN LEASE LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT 745 2544.5 160 (Jt. vith "U" (Also to nearest drlg, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 20. R )TARY OR CABLE TOOLS 19. PROPOSED DEPTH 143. 65333 SOLUTY 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) larch 1974 to be meteralmen which grades 23. PROPOSED CASING AND CEMENTING PROGRAM SETTING DEPTH QUANTITY OF CEMENT SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT 17-1/3 13-31: 100 83 16. 6 12-1/4 1 200 5 N 32 550W 2 k) 8: 3-1/4 J 18 & L. Amoco Production Company proposes to crill the subject well to test the Tennsylvanian forsation. Intersectate costs, will so set across the borrison water zones. The well will then we wrilled to rough the Pennsylvanian and completion designed from of en note logs. A copy or all logs will be farulaned to your office upon completion. copy of the ancetion rist is attached. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug , 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.  $\overline{24}$ DATE | 1erc | 18, 1874 Aron Bu<u>llaeer</u> TITLE SIGNED (This space for Federal or State office use)

TITLE

APPROVAL DATE \_\_\_

# Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963--O-711-396



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

Operator

Effective 1-1-65 All distances must be from the outer boundaries of the Section. Well No. Navajo Tribal"U" 23 Section Township County 18W San Juan 22 26N West South feet from the line feet from the line and Dedicated Acreage: Producing Formation Penn. "D" Tocito Dome Acres

Amoco Production Company Unit Letter N Actual Footage Location of Well: 745 Ground Level Elev. Report Later 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? If answer is "yes," type of consolidation \_ Yes 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 conrained herein is true and complete to the liest of my knowledge and belief. J. Arnold Snell, Area Engr Position AMOCO PRODUCTION COMPANY Company March 19, 1974 Sec 22 ! hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or inder my supervision, and that the same is true and correct to the best of my knowledge and belief. 21301 23-U

1000

1320

1650

1980

2640

2000

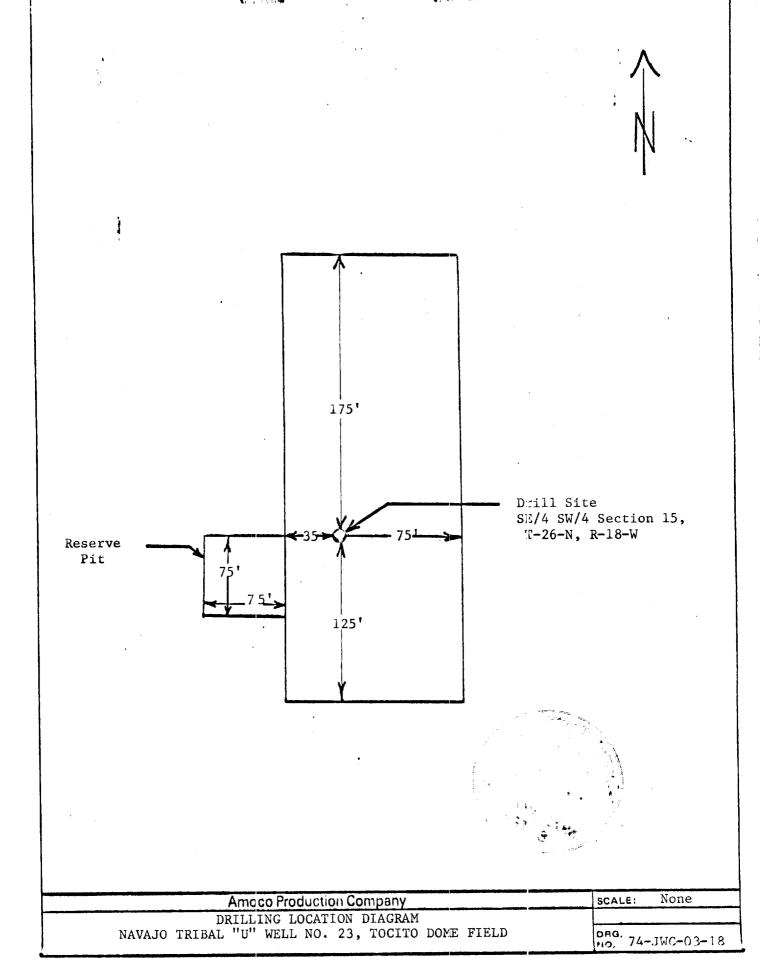
1500

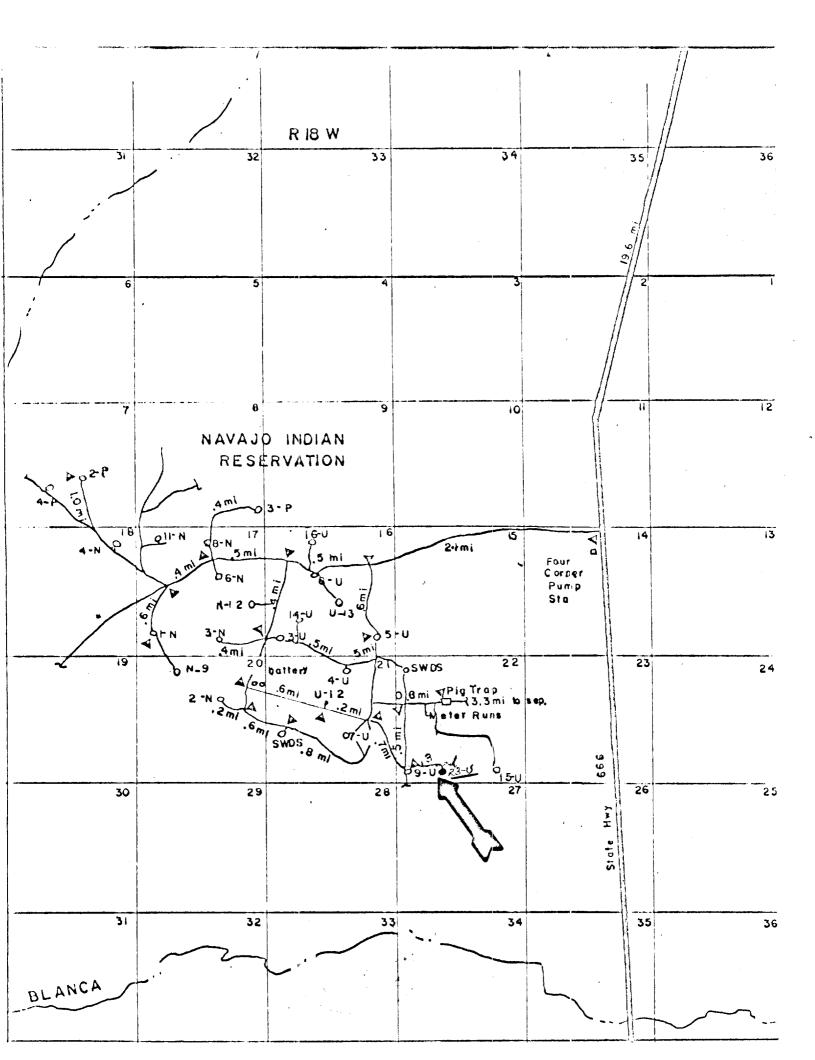
## DEVELOPMENT PLAN FOR SURFACE USE NAVAJO TRIBAL "U" NO. 23 SAN JUAN COUNTY, NEW MEXICO

Amoco Production Company proposes to drill the subject well with rotary tools on a graded location as shown on the attachments. The location is in accordance with NMOCC Order R-2758. Established roads exist in the area and only 300 feet of new road will need to be constructed. Archeological clearance to drill this well will be obtained from the proper authorities. Clearance to perform work on this location will also be obtained from the Navajo Tribe.

No airstrips or field camps will be built and none exist nearby. There are no trees in the area and therefore no timber damage will result. Vegetation in the area is extremely sparse and consists primarily of tumbleweed. As the well is located in the middle of an active oil field, Amoco has previously completed a water source well. All water for drilling operations will come from this well. Upon completion of the subject well the location will be thoroughly cleaned and the reserve pit backfilled.







| UNITED STATES SUBMIT IN TRIPLICATOR (Other instructions on re-   |   |   |  |
|--|---|---|--|
|  | SICAL SURVEY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |  |
| SUNDRY NOTICES A   | ND REPORTS ON WELLS Il or to deepen or plug back to a different reservoir. R PERMIT—" for such proposals.)  |   |  |
|  | R PERMIT—" for such proposals.)   | 7. UNIT AGREEMENT NAME  |  |
| OIL GAS OTHER  | APR 3 0 1974  | i chii Rokeesiahi Mani  |  |
| 2. NAME OF OPERATOR  |   | 8. FARM OR LEASE NAME   |  |
| AMOCO PRODUCTION COMP.   | U. S. GEOLOGICAL SURVEY   | Nevejo Tribal "U"   |  |
| 3. ADDRESS OF OPERATOR   |   | 9. WELL NO.   |  |
| 501 Airport Drive, Fa 4. LOCATION OF WELL (Report location clearly and   | 10. FIELD AND POOL, OR WILDCAT  |   |  |
| See also space 17 below.) At surface   |   | Tecito Dome Penn. "D"   |  |
| 745' FSL & 2130' FWL, Section  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4 SW/4 Section 22, T-26-N. R-18-W   |   |  |
| 14. PERMIT NO.   15. ELE   | VATIONS (Show whether DF, RT, GR, etc.)   | 12. COUNTY OR PARISH 13. STATE  |  |
| 56   | 28' GL, 5641' KB  | San Juan New Maxic  |  |
| On 3-27-74 the 9-5/8" interme Class "A" cement with 4% Gel Glass "A" Neat. Plug did not float and fell to shoe. Ran with good bond at 1250' and 1 retrievable packer at 1477', at 2-1/2 BPM and 900 pei and 1410' with 2 shots. Pumped 8 down annulus and broke circul "A" cement. Stung out of ret drill pipe to 1164' and brade perfs and 1310'. Shut well it Log and showed good bond. Dr | Clearly wate all norment details, and give pertinent details, give subsurface locations and measured and true versions. Shut well in 4 hours and Coment Bond Log and found no came 320'. Perfed the casing with 2 1 | ults of multiple completion on Well ompletion Report and Log form.)  Ites, including estimated date of starting any rical depths for all markers and zones pertical depths for all and pertical depths at 1360°. Set a supped 13 barrels in formation led packer and perferated BPM at 900 psi. Pumped 38°. Pumped 75 sacks Class A" Neat on retainer. Pulled are 775 psi. Cament above 1/2 hours. Ran Cament Bond 1. Continued drilling to |  |

DATE \_

TITLE \_

(This space for Federal or State office use)

# Instructions

eral and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Fed-

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between an above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

中 U.S. GOVERNMENT PRINTING OFFICE. 1972-782-241/207 REGION NO. 8

