

**30-045-21744**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
**Texaco Inc. Attention: T. Bliss**

3. ADDRESS OF OPERATOR  
**P. O. Box 2100, Denver, Colorado 80201**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface **NE 1/4 SW 1/4 Sec. 14**  
 At proposed prod. zone **1740' FSL & 1500' FWL, Sec. 14**

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

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-1431**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo Allottees "T"**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Navajo Allottees "T"**

9. WELL NO.  
**2**

10. FIELD AND POOL, OR WILDCAT  
**Bisti Field Basin Park**

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
**Sec. 14 T25N-R11W**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**New Mexico**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**1500'**

16. NO. OF ACRES IN LEASE  
**160**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**320**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**1300'**

19. PROPOSED DEPTH  
**6040'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6428' GR**

22. APPROX. DATE WORK WILL START\*  
**April 15, 1975**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	650'	Circulate to surface.
7-7/8"	4-1/2"	10.5#	6040'	*Cement 600' above pay zone.

\* DV collar to be set at 2700' and cemented to bottom of surface casing.

Propose to drill subject well to increase gas recovery from Bisti Field. Samples will be taken from surface to TD. No cores are scheduled. One DST is planned in the Dakota formation after logging if productivity is in doubt. Logs will be run from surface casing to TD. Prospective zones will be perforated and treated as necessary. Blowout preventer equipment will be as indicated in the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment.

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 Tammie Bliss TITLE District Superintendent DATE March 17, 1975  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY 410 TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

USGS (3) OGCC (2) TB ARM CGH Bureau of Indian Affairs The Navajo Tribe  
 Farmington Aztec

\*See Instructions On Reverse Side

## 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.

**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.

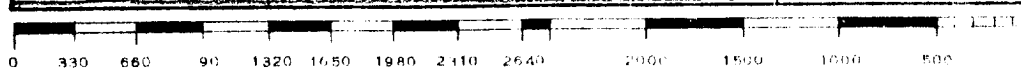
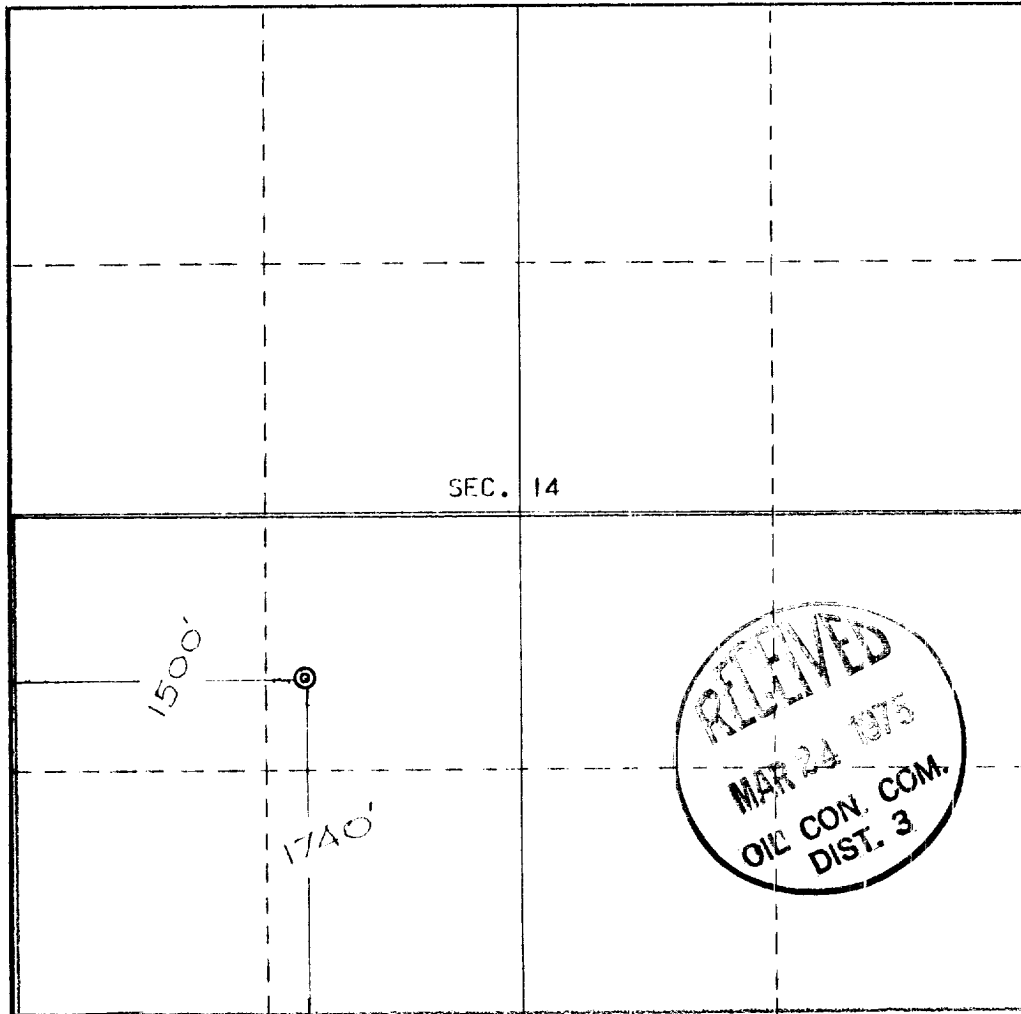
Operator <b>TEXACO, INC.</b>			Lease <b>Navajo Allottees "T"</b>		Well No. <b>2</b>
Unit Letter <b>K</b>	Section <b>14</b>	Township <b>25 North</b>	Range <b>11 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1740</b> feet from the <b>South</b> line and <b>1500</b> feet from the <b>West</b> line.					
Ground Level Elev. <b>6428</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota (Bisti)</b>		Dedicated Acreage: <b>320</b> Acres

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?

☐ 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.

*Tommie Bliss*

Name

**Tommie Bliss**

Position

**District Superintendent**

Company

**Texaco Inc.**

Date

**March 17, 1975**

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 3, 1975**

Registered Professional Engineer  
and/or Land Surveyor

*E. V. Echshaw*

Certificate No. **3602**

**E.V. Echshaw LS**