

NM OIL CONS. COMMISSION  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT TRIPLICATE\*  
(Other instructions on  
reverse side)

30-015-26225  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
LC 029393-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Kincaid-Watson Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Shugart Bone Spring, Nor

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec. 18, T-18-S, R-31-E

12. COUNTY OR PARISH  
Eddy

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  
Texaco Inc. ✓

3. ADDRESS OF OPERATOR  
P. O. Box 3109, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 330' FNL, 1980' FEL  
At proposed prod. zone 330' FNL, 1980' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
9 Miles Southeast of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any) 330'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.  
None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 3632

16. NO. OF ACRES IN LEASE  
440

19. PROPOSED DEPTH  
9500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
10/22/89

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	94#	40'	Redimix to Surface
17 1/2"	13 3/8"	48#	500'	600 Sacks CIRCULATE
12 1/4"	8 5/8"	32#	2520'	1250 Sacks
7 7/8"	5 1/2"	15.5# & 17#	9500'	1300 Sacks

CEMENTING PROGRAM

Surface Casing: 600 Sacks Class "H" with 2% CaCl<sub>2</sub> (15.6 ppg, 1.19 cu ft/sx, 5.2 gals wtr/sx)

Intermediate Casing: 1000 sacks 35/65 Poz Class "H" with 6% gel, 5% salt, 1/4# flocele (12.8 ppg, 1.87 cu ft/sx, 9.9 gals wtr/sx) F/B 250 sacks Class "H" with 2% CaCl<sub>2</sub> (15.6 ppg, 1.19 cu ft/sx, 5.2 gals wtr/sx).

Production Casing: 300 sacks 35/65 Poz Class "H" with 6% gel, 5% salt, 1/4# flocele (12.8 ppg, 1.87 cu ft/sx, 9.9 gals wtr/sx) F/B 400 sacks Class "H" (15.6 ppg, 1.18 cu ft/sx, 5.2 gals wtr/sx).

DV Tool at 5000': 500 sacks 35/65 Poz Class "H" with 6% gel, 5% salt, 1/4# flocele (12.8 ppg, 1.87 cu ft/sx, 9.9 gals wtr/sx) F/B 100 sacks Class "H" (15.6 ppg, 1.18 cu ft/sx, 5.2 gals wtr/sx).

There are no other wells in the 1/4 1/4 section.

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 C. Wade Howard TITLE Engineer's Assistant DATE 10/13/89

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE 10-25-89

APPROVAL SUBJECT TO IF ANY:

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## 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.

## NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

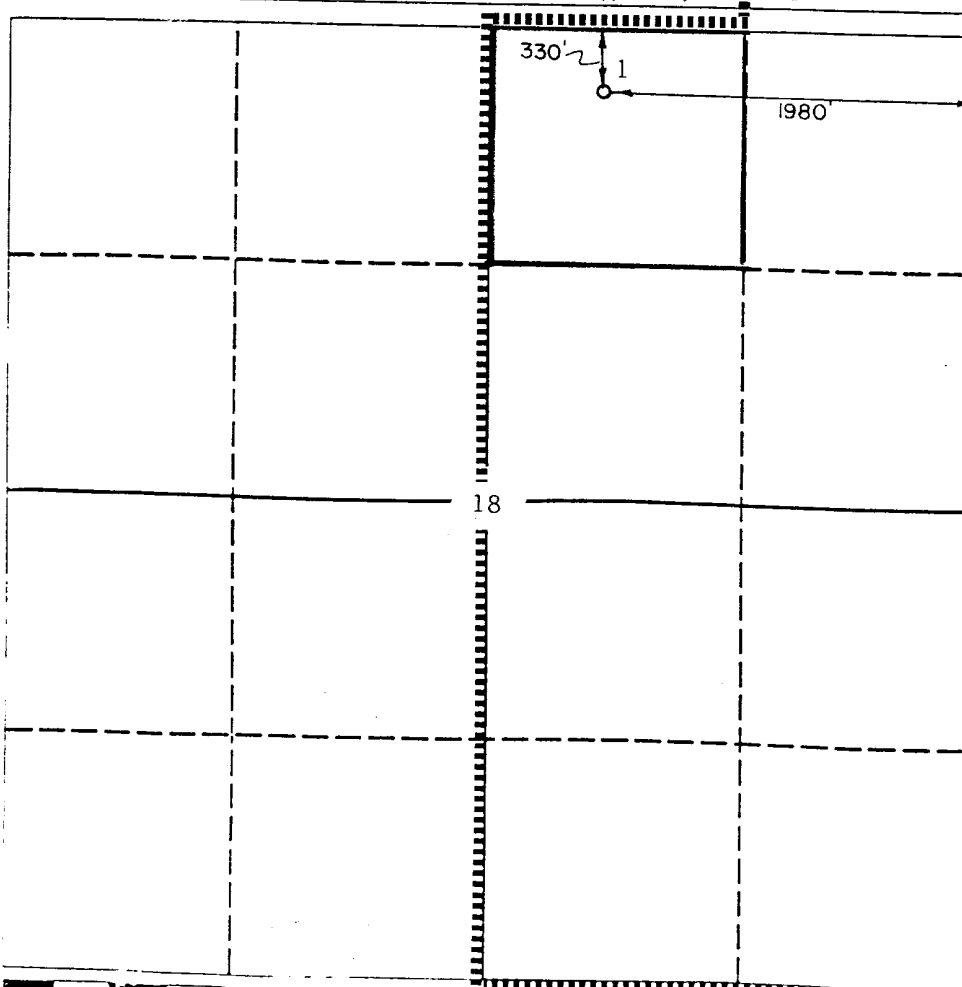
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Texaco Inc.			Lease Kincaid-Watson Federal		Well No. 1
Unit Letter B	Section 18	Township 18-S	Range 31-E	County NMPM	Eddy
Actual Footage Location of Well: 330 feet from the North line and 1980 feet from the East line					
Ground level Elev. 3632'	Producing Formation 2nd Bone Spring Sand Pay		Pool Shugart Bone Spring, North	Dedicated Acreage: 40 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 interest 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

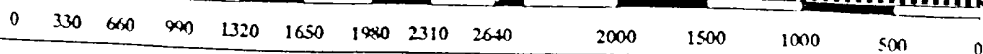


**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
*B.L. Eiland*  
Printed Name  
B.L. Eiland  
Position  
Division Surveyor  
Company  
Texaco Inc.  
Date  
May 22, 1989

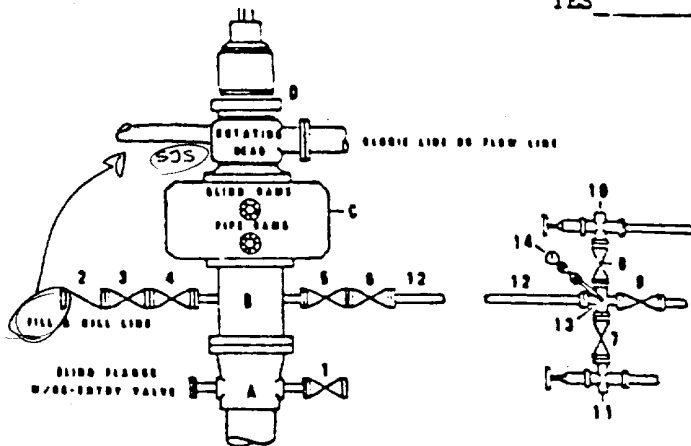
**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
May 10, 1989  
Signature & Seal of Professional Surveyor  
REG. NO. 4886  
MEXICO  
*B.L. Eiland*  
Certificate No. 4886



**DRILLING CONTROL**  
**CONDITION II-B 3000 WP**  
**FOR AIR DRILLING OR**  
**WHERE YATES AIR BLOWS ARE EXPECTED**

H<sub>2</sub>S TRIM REQUIRED  
 YES \_\_\_\_\_ NO \_\_\_\_\_



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B  
FOR AIR DRILLING

- |               |   |
|---------------|---|
| A             | Texaco Wellhead   |
| B             | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill-line and 3" minimum flanged outlet for choke line   |
| C             | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2-3000# W.P. single ram type preventers may be utilized.) |
| D             | Rotating Head and extended Baffle Line.   |
| 1,3,4,<br>7,8 | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 2             | 2" minimum 3000# W.P. back pressure valve   |
| 5,6,9         | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12            | 3" minimum schedule 80, Grade "B", seamless line pipe   |
| 13            | 2" minimum x 3" minimum 3000# W.P. flanged cross  |
| 10, 11        | 2" minimum 3000# W.P. adjustable choke bodies   |
| 14            | Cameron Mud Gauge or equivalent (location optional in choke line.)  |

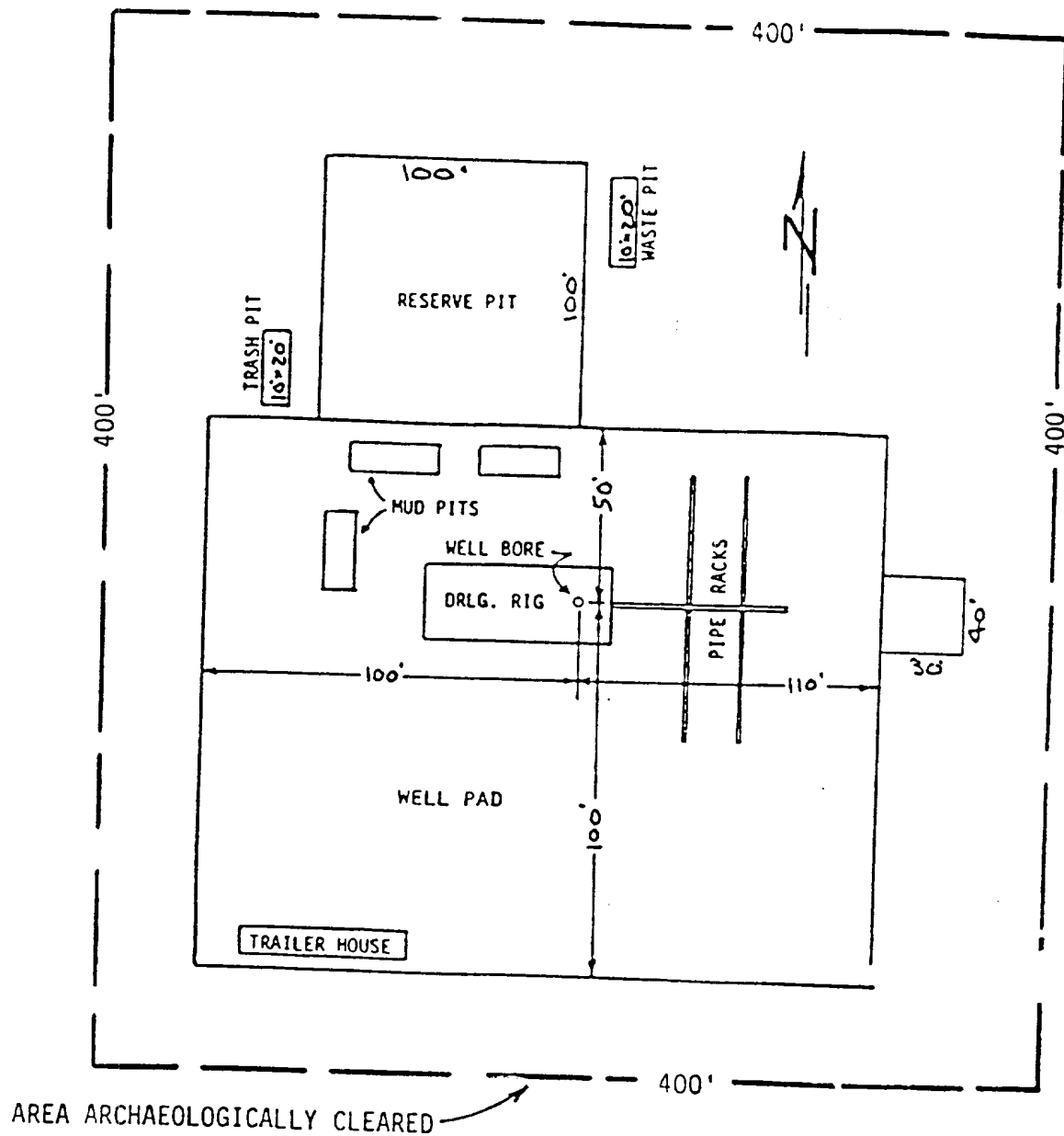


**TEXACO, INC**  
 MIDLAND DIVISION  
 MIDLAND, TEXAS



SCALE	DATE	EST NO	DRG NO
DRAWN BY			
CHECKED BY			
APPROVED BY			

**EXHIBIT C**



# EXHIBIT "B"

TEXACO PRODUCING INC.  
 WATSON-KINCAID FEDERAL WELL NO.1  
 DRILLING RIG LAYOUT  
 SCALE: None

ANTICIPATED WATER, OIL, GAS, AND MINERAL  
BEARING FORMATIONS

Well: Kincaid-Watson Federal Well No. 1  
Location: 330' FNL, 1980' FEL, Sec. 18, T-18-S, R-31-E  
County: Eddy State: New Mexico  
Elevation: 3632' GR Proposed TD: 9500'

Formation Tops

<u>Depth</u>	<u>Formation</u>	<u>Oil</u>	<u>Gas</u>	<u>Water</u>	<u>Mineral</u>
2000'	Yates				
3000'	Queen				
3800'	San Andres				
5430'	Bone Spring				
7900'	2nd Bone Spring	X			
9200'	Wolfcamp				

No drill stem tests will be conducted. No cores will be taken.

No abnormal pressures, temperatures, or hazardous gases are anticipated to be encountered in this well. <sup>H<sub>2</sub>S in Q/QB/SA</sup> GR-CAL-CNL-FDC, GR-CAL-BHC-SONIC, GR-CAL-DIL-SFL surveys will be run.

Mud Program

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>
0-500'	Fresh - Spud Mud	8.4	28
500'-2520'	Brine	10.0	29
2520'-9500'	Fresh	8.4	28

Blowout preventer will be installed after surface casing is set. BOP will be tested each time it is installed on a casing string and operated at least once each 24-hour period during drilling.

SURFACE USE AND OPERATIONS PLAN

FOR

TEXACO INC.

KINCAID-WATSON FEDERAL NO. 1

330' FNL & 1980' FEL, SEC. 18. T-18-S, R-31-E  
EDDY COUNTY, NEW MEXICO

LOCATED: 7.5 miles SSE of Loco Hills, New Mexico

FEDERAL LEASE NUMBER: LC029393-B

LEASE ISSUED: JULY 17, 1961

ACRES IN LEASE: 440 ACRES

RECORD LESSEE: TEXACO INC.

SURFACE OWNERSHIP: USA

GRAZING PERMITTEE: SNYDER RANCHES  
c/o LARRY SQUIRES  
P.O. BOX 2158  
HOBBS, NEW MEXICO  
88241

POOL: 2nd Bone Spring Sand Pay

POOL RULES: Statewide, 40 acre spacing for oil.

EXHIBITS: A. Road Map  
B. Drilling Rig Layout

1. EXISTING ROADS:

A. Exhibit "A" is a portion of a 7-1/2 minute topographic map showing the proposed well site and existing roads in the area. Point "A" is the junction of State Highway 82 and County Road 222. Said Point "A" is 5.6 miles east along State Highway 82 from Loco Hills, New Mexico. Exhibit "A" is color coded to show the local roads to be used for access to Texaco Inc. Kincaid-Watson Federal lease in Section 18, T-18-S, R-31-E. Point "B" shows the junction of said County Road 222 with an existing resource road which will be used for 2.8 miles to Point "C". To reach the well site from Point "A" proceed south on County Road 222 2.8 miles to

Point" B", being an existing resource road on the west side of the road with a "Union Texas Pet. North Shugart Field Office" sign at the intersection of the resource road. From Point "B" turn west and proceed .4 miles and turn south, at .6 miles turn west, at 1.4 miles turn south, at 1.6 miles turn west, at 1.7 miles turn south, at 2.3 miles turn west, at 2.5 miles turn south, at 2.8 miles to Point "C" being an intersection of said existing resource road with proposed new resource road. From Point "C" 1160 feet of new resource road will be built southeast to the southwest corner of the caliche pad around the new well site.

2. PLANNED ACCESS ROAD:

A. Length and Width: The new road will be 14 feet wide and 1,160 feet long, and is set out on Exhibit "A" by color coding.

B. Surfacing Material: Caliche. Watered, compacted, and graded.

C. Maximum Grade: Less than one percent.

D. Turnouts: None required.

E. Drainage Design: The new road will be crowned with drainage to both sides.

F. Culverts: None required.

G. Cuts and Fills: None necessary.

H. Gates and Cattle Guards: None will be needed.

3. LOCATION OF EXISTING WELLS:

A. Existing wells in the immediate area are shown on Exhibit "A".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. This well will produce into a tank battery which will be located on the same location.

B. No electric power line will be built to service this well.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is not contemplated that a water well will be drilled. Water necessary for drilling operations will be purchased and trucked to the well site, or will be moved to the well site by temporary pipeline laid on the ground alongside existing and proposed roads.



6. SOURCE OF CONSTRUCTION MATERIALS:

A. Caliche needed for the road and well pad will be taken from an existing pit in the SE/4 NE/4 of Section 13, T-18-S, R-30-E, Eddy County, New Mexico, and will be moved to the well site using existing local road. Location of this caliche pit and road is shown on Exhibit "A".

7. METHODS OF HANDLING WATER DISPOSAL:

A. Drill cuttings will be disposed of in the drilling pits.

B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.

C. Water produced during tests will be disposed of in the drilling pits.

D. Oil produced during tests will be stored in test tanks until sold.

E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit "B".

F. All trash and debris will be buried or removed from the well site within 30 days after completion of drilling and/or completion operations.

8. ANCILLARY FACILITIES:

A. None required.

9. WELL SITE LAYOUT:

A. Exhibit "B" shows the relative location and dimensions of the well pad, mud pits, reserve pit, and trash pit, and the location of major rig components.

B. Cut and fill will be minor, but clearing and levelling of the well site will be necessary.

10. PLANS FOR RESTORATION OF THE SURFACE:

A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location will be cleaned of all trash and junk to leave the well site in an as aesthetically

pleasing condition as possible.

B. Any unguarded pits containing fluids will be fenced until the pits are dry.

C. After abandonment, all equipment, trash and junk will be removed and the well site will be cleaned. Any special rehabilitation and/or special revegetation requirements of the surface management agency will be complied with and will be accomplished as rapidly as possible.

11. OTHER INFORMATION:

A. Topography: The land surface in the area of the well is relatively level. Regionally, land slope is to the southwest.

B. Soil: Top soil at the well site is sand.

C. Flora and Fauna: The vegetative cover is moderate which includes weeds, range grasses and mesquite. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove and quail.

D. Ponds and Streams: There are no rivers, lakes, ponds or streams in the area.

E. Residences and Other Structures: There are no occupied dwellings or other structures within 3/4 mile of the well site.

F. Archaeological, Historical, or other Cultural Sites: None observed in the area.

H. Surface Ownership: Federal.

12. OPERATOR'S REPRESENTATIVE:

C. P. Basham  
Drilling Superintendent  
Texaco Producing Inc.  
P. O. Box 3109  
Midland, Texas 79702  
Office Phone: (915) 688-4620

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently 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 Texaco Producing Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.

10/13/89

Date:

C. P. Basham

C. P. Basham  
Drilling Superintendent  
Midland Division

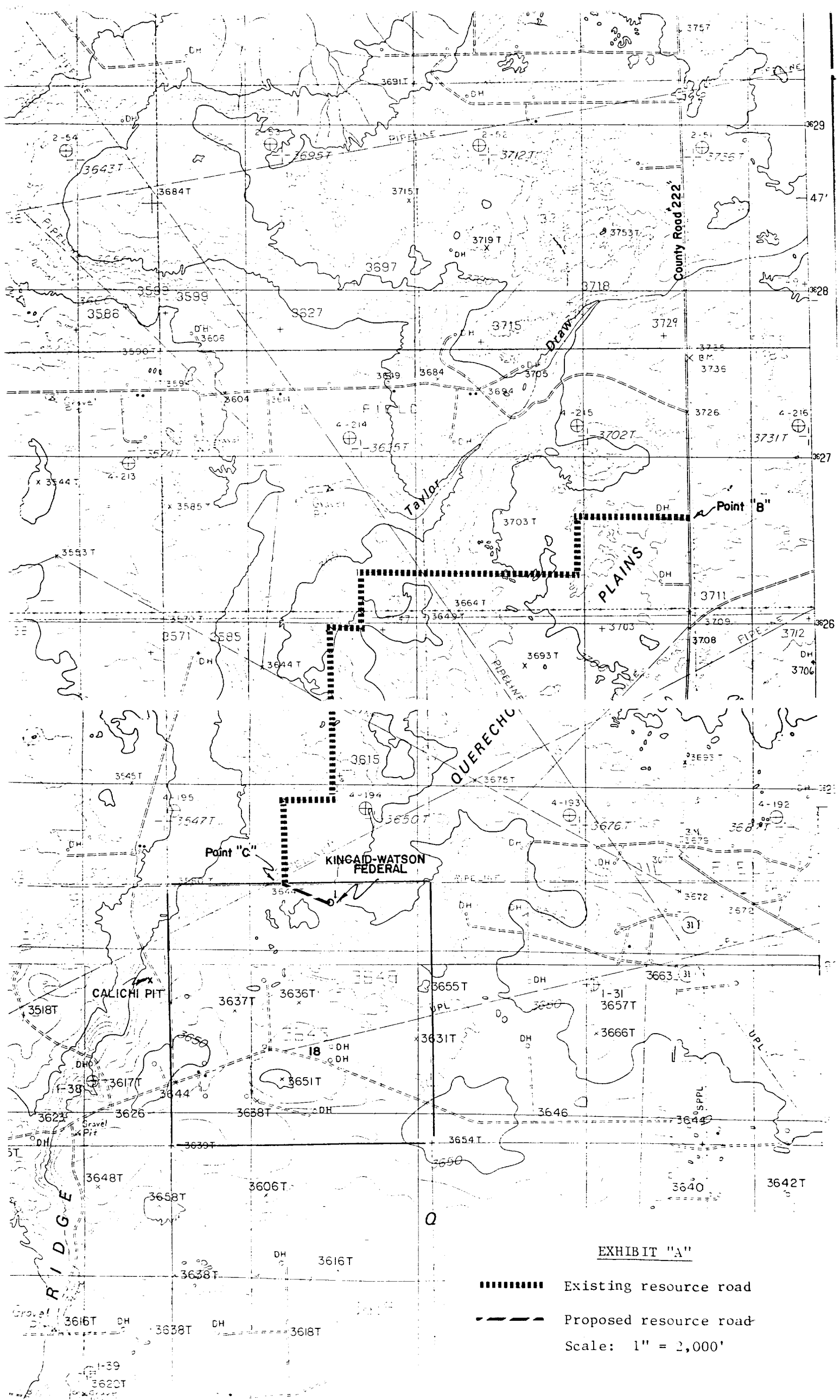
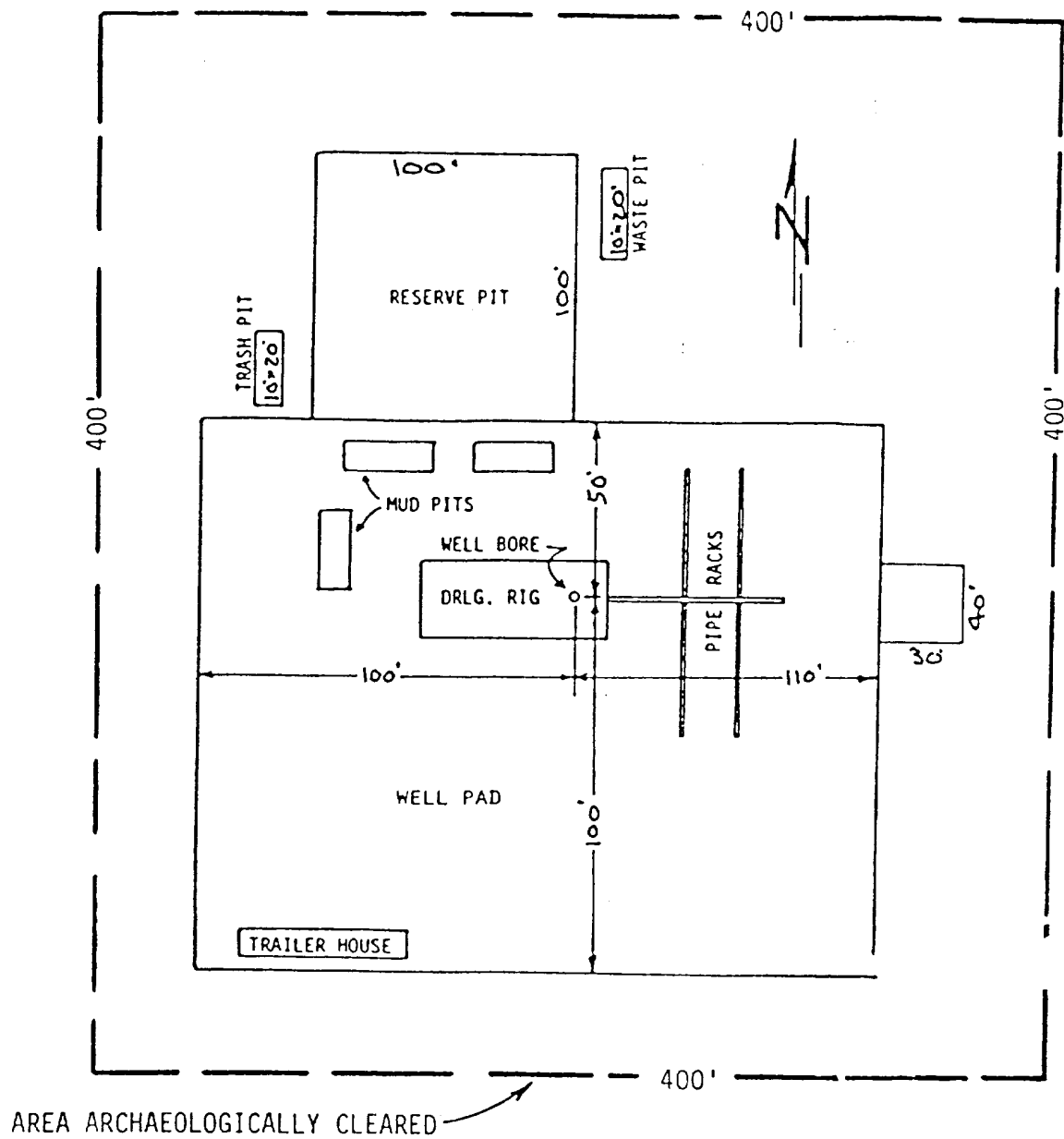


EXHIBIT "A"

- Existing resource road
- Proposed resource road
- Scale: 1" = 2,000'



# EXHIBIT "B"

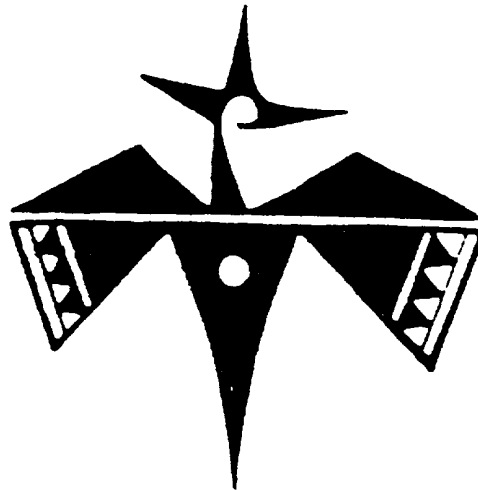
TEXACO PRODUCING INC.  
 WATSON-KINCAID FEDERAL WELL NO.1  
 DRILLING RIG LAYOUT  
 SCALE: None

Archeological Clearance Report for  
Texaco USA's Kincaid-Watson Federal No. 1  
Situated on Public Lands in Eddy County, N.M.  
Report No. 89058

prepared by  
James E. Hunt

submitted by  
Pecos Archeological Consultants  
P.O. Box 1771, Carlsbad, N.M., 88221  
May 19, 1989  
BLM Cultural Use Permit No. 6-2920-88-H  
State Blanket Survey Permit No. 89-024

**PECOS**  
**ARCHEOLOGICAL**  
**CONSULTANTS**  
**P.O. BOX 1771**  
**CARLSBAD, NM 88221**



Archeological Clearance Report for  
Texaco USA's Kincaid-Watson Federal No. 1  
Situated on Public Lands in Eddy County, N.M.  
Report No. 89058

#### ABSTRACT

On May 11, 1989, Pecos Archeological Consultants (BLM Cultural Use Permit No. 6-2920-88-H, State Blanket Survey Permit No. 89-024) undertook an archeological inventory for a proposed drill location and access road easement scheduled to be impacted by Texaco USA. This project will be situated on public lands in Eddy County, New Mexico. These lands occur in section 18, T18S, R31E, NMPM, Eddy County, N.M. A total of 5.43 acres of federal surface ownership were investigated during this project, which was conducted in 3 man-hours by James E. Hunt. No cultural remains were recorded as occurring within the impact zone that will result from the planned activity. Due to the limited nature of the cultural remains within the impact zone, Pecos Archeological Consultants is recommending clearance for this project, as planned.



## INTRODUCTION

On May 10, 1989, Pecos Archeological Consultants was requested by Mr. Bethal Eiland, Texaco USA, to perform the archeological survey for a drill location, access road and flowline scheduled to be constructed on public land in Lea County, New Mexico. This land is administered by the Bureau of Land Management and federal law stipulates that an intensive archeological inventory be performed to identify what cultural resources might be affected by such activity prior to granting clearance to the project. Therefore, Pecos Archeological Consultants undertook this survey on May 11, 1989. Fieldwork for this project was performed by James E. Hunt. The following is a report of the field activities and findings resulting from the survey.

## SURVEY METHODOLOGY

Pecos Archeological Consultants conducted this survey by physically examining the entire 400 X 400 ft impact zone which will result from the planned construction. Pedestrian inspection along parallel transects was accomplished across the staked drill location. These transects were spaced 15 meters apart; however, established transects were departed from to examine nearby areas of high site probability. All prominent deflations and denuded areas were given special attention. Additionally, all attendant easements (if any) were surveyed in two parallel transects spaced 15 meters

apart. This project was conducted on one cloudy day. Surface visiblity in the region, which, due to floral cover, ranged between 25-40% of the ground under dry soil conditions, made this the most practical methodology for effectively sampling the impact zone which will result from this project as planned.

## ENVIRONMENT

The project area will be located in a region known as the Querecho Plains. This is an undulating landform which is characterized by stabilized and unstabilized sand dunes which range from a few meters to 10-15 meters in height. These dunes are interspersed with deflation basins which have been formed by aeolian action. Local soils in the region consist of loamy sands which belong to the Kermit-Berino association. These soils are drained internally, and they possess inclusions of chert and quartzite gravels, some of which are suitable for chipped stone tool manufacture. Elevation in the project area is between 3640 ft and 3650 ft above sea level.

The Querecho Plains is part of an environmental zone called the Lower Sonoran Life Zone. The most common plant variety in the region is shin oak (*Quercus havardii*), but other species, such as mesquite (*Prosopis juliflora*) plains yucca (*Yucca glauca*), broom snakeweed (*Gutierrezia sarothrae*) and various grasses. Some of the common faunal types in area are mule deer (*Odocoileus hemionus*), pronghorn antelope (*Antilocapra americana*), jackrabbit (*Lepus* sp.), cottontail rabbit (*Silvilagus* sp.), coyote (*Canis latrans*), as well as other small mammals, birds and reptiles. Bison (*Bison bison*) also ranged in the region prior to their near-extinction in the nineteenth century.

LOCATIONAL DATA

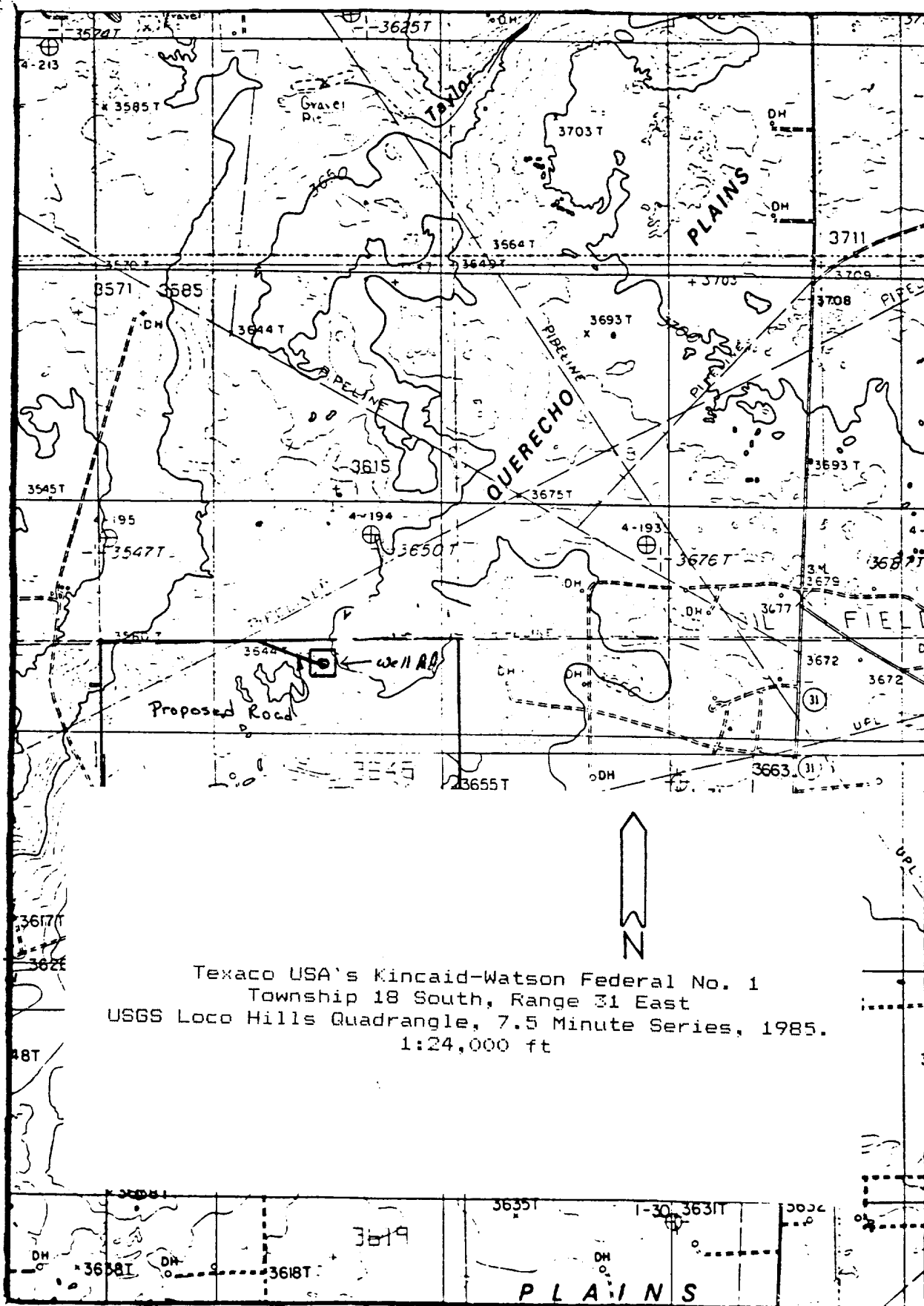
Texaco USA's drill location, designated the Federal "L" No., will measure 400 ft X 400 ft, or 3.6 acres. It will be situated 330 ft from the north line and 1980 ft from the east line, in the:

NW1/4 NE1/4, section 18, T18S, R31E, NMFM, Eddy County, N.M.

The access road which will be constructed to the wellpad will measure 100 ft X 800 ft, or 1.8 acres. It will be situated in the;

NW1/4 NE1/4, section 18, T18S, R31E, NMFM, Eddy Co., N.M.  
NE1/4 NW1/4, section 18, T18S, R31E, NMFM, Eddy Co., N.M.

Map Reference: USGS Loco Hills Quadrangle, 7.5 Minute Series, 1985.



Texaco USA's Kincaid-Watson Federal No. 1  
Township 18 South, Range 31 East  
USGS Loco Hills Quadrangle, 7.5 Minute Series, 1985.  
1:24,000 ft

## ARCHEOLOGICAL RESOURCES

On May 11, 1989, Pecos Archeological Consultants performed a literature search to determine if any archeological sites had already been recorded in the vicinity of the project area. Current BLM files and the National Register of Historic Places were consulted in this endeavor. One previously-recorded site was found to occur in the project area. This was LA Site No. LA 26495, an Jornada Mogollon Period habitation site located 400 m from the project area.

### Observed Archeological Resources:

No cultural remains were found to occur in the impact zone.

### RECOMMENDATIONS

Due to the limited nature of the cultural resources in the project area, Pecos Archeological Consultants is recommending clearance for Texaco USA's project, as planned. This recommendation is made on the basis of an intensive surface inspection of the project area. Should additional, purely subsurface remains occur in the impact zone, they would not be detected without extensive subsurface test excavation. Of course, approval for our recommendations and final clearance for the project must be granted by the appropriate government agency.