

SUBMIT IN TRIPLICATE

UN
DEPARTMENT
BUREAU OF

OPER. OGRID NO. 22351
PROPERTY NO. 10903
POOL CODE 06660
EFF. DATE 11/1/96
API NO. 30-025-33666

Division
10
18241

FORM APPROVED
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work **DRILL** ☒ **DEEPEN** ☐
1b. Type of Well SINGLE ZONE ☒
OIL WELL ☒ GAS WELL ☐ OTHER MULTIPLE ZONE ☐

2. Name of Operator **TEXACO EXPLORATION & PRODUCTION INC.**

3. Address and Telephone No. **P.O. Box 3109, Midland Texas 79702 688-4606**

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At Surface **E**
Unit Letter **F**: **1650** Feet From The **NORTH** Line and **990** Feet From The **WEST** Line
At proposed prod. zone **SAME**

14. Distance in Miles and Direction from Nearest Town or Post Office*
7.5 MILES SE OF EUNICE, NM

15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) **330'**

16. No. of Acres in Lease **2255.12**

18. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. **1037'**

19. Proposed Depth **6300'**

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

GR-3311'

22. Approx. Date Work Will Start*
11/1/96

23. PROPOSED CASING AND CEMENT				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 11	WC50, 8 5/8	24#	1150'	600 SACKS - CIRCULATE
7 7/8	WC50, 5 1/2	16.5#	6300'	1300 SACKS - CIRCULATE

CEMENTING PROGRAM:

SURFACE CASING: 400 SACKS CLASS C w/ 4% GEL, 2% CC (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 200 SACKS CLASS C w/ 2% CC (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

PRODUCTION CASING: 900 SACKS 35/65 POZ H w/ 6% GEL, 5% SALT, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.4 GW/S). F/B 400 SACKS 50/50-POZ H w/ 2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.3 GW/S).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

* VERBAL APPROVAL FROM PAUL KAUTZ (OCD HOBBS) 9/27/96 TO SET 8 5/8 SURFACE CASING IN AN 11 INCH HOLE.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

In Above Space Describe Proposed Program: If proposal is to deepen, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured true verticle depths. Give blowout preventer program, if any.

24. I hereby certify that the foregoing is true and correct.

SIGNATURE C. Wade Howard TITLE Eng. Assistant DATE 9/27/96

TYPE OR PRINT NAME C. Wade Howard

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED BY TONY L. FERGUSON TITLE ADM. MINERALS DATE 10-30-96

CONDITIONS OF APPROVAL, IF ANY:

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.

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

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

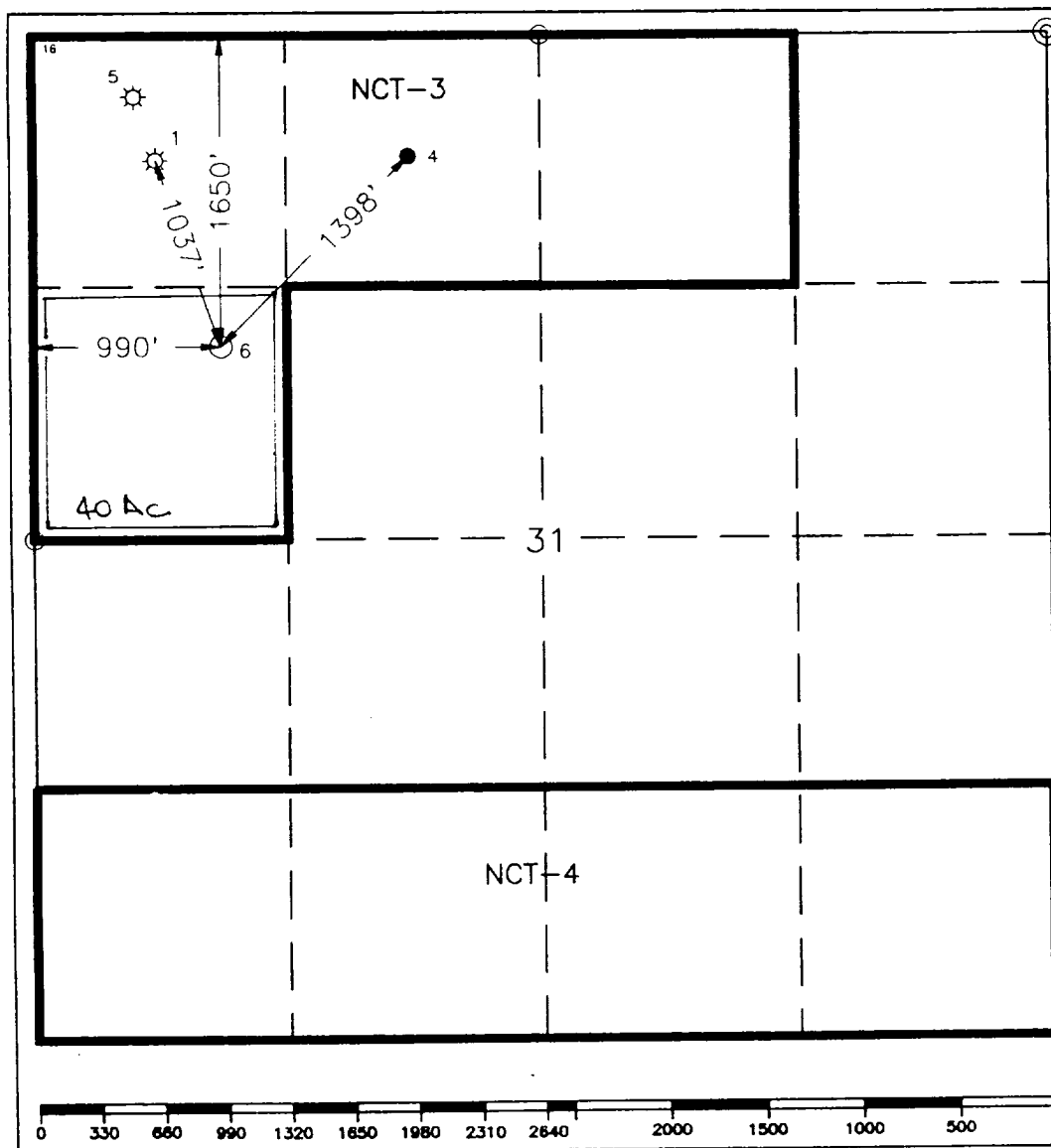
¹ API Number 3D-025-33666		² Pool Code 06660		³ Pool Name Blinebry Oil & Gas	
⁴ Property Code 10903		⁵ Property Name A. H. Blinebry Federal NCT-3			⁶ Well Number 6
⁷ OGRID No. 22351		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			⁹ Elevation 3311'

¹⁰ Surface Location									
UL or lot no. F	Section 31	Township 22-S	Range 38-E	Lot Idn	Feet from the 1650'	North/South line North	Feet from the 990'	East/West line West	⁷ County Lea

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



¹⁶ OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Signature C. Wade Howard	
Printed Name C. Wade Howard	
Position Engineer's Assistant	
Company Texaco Expl. & Prod. Inc.	
Date September 25, 1996	
¹⁷ 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 September 19, 1996	
Signature & Seal of Professional Surveyor John S. Piper	
Certificate No. 7254 John S. Piper	
Sheet 8 of 8	

DRILLING PROGRAM

A. H. BLINEBRY FEDERAL NCT-3 No. 6

SURFACE DESCRIPTION:

See Item 11 (other information) in the attached Surface Use and Operations Plan.

FORMATION TOPS: Estimated KB Elevation: 3321'

<u>Formation</u>	<u>Depth</u>	<u>Lithology</u>	<u>Fluid Content</u>
Rustler	1150'	Anhy, Salt	----
Tansill	2400'	Anhy, Dolo	----
Yates	2535'	Sandstone, Dolo	----
Glorieta	5085'	Dolomite	----
Blinebry	5530'	Dolomite	Oil
Tubb	6025'	Sandstone	Gas

The base of the salt section is the top of the Tansill at 2400'. No abnormal pressures or temperatures are anticipated to be encountered in this well. H₂S is possible in the Yates. H₂S RADIUS OF EXPOSURE: 100ppm = 18', 500ppm = 8', based on 1050ppm H₂S and 60 MCF (see attached H₂S Drilling Operations Plan. H₂S equipment to be operational prior to drilling out Surface Casing Shoe.)

Duration of Operation: 13 Days to Drill, 5 Days to Complete.

PRESSURE CONTROL EQUIPMENT:

A 3000 psi Dual Ram type preventer with rotating head will be used. (See Exhibit C). We do not plan to have an annular preventer. We will be able to achieve full closure of the well with the double ram preventer. It will be installed after surface casing is set. BOP will be tested each time it is installed on a casing string and at least every 29 days, and operated at least once each 24-hour period during drilling.

A PVT system will not be installed. We will be drilling thru the reserve pit and will circulate the steel pits one hour each tour to check for gains and losses and will be noted on the driller's log, which is Texaco's policy.

We do not plan to run an automatic remote-controlled choke. We will have installed and tested two manual, H₂S trimmed, chokes.

CASING AND CEMENT PROGRAM:

The casing and cementing programs are detailed on Form 3160-3. All casing will be new.

Centralizer Program:

Surface Casing - Centralize the bottom 3 joints and every 4th to surface.

Production Casing - Centralize every other joint on bottom 800'.

MUD PROGRAM:

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>
0'-1150'	Fresh Water	8.4	28
1150'-6300'	Brine	10.0	29

Bottom Hole Pressure at T.D. estimated to be 6.0 PPG EMW. (1965 PSI)

LOGGING, TESTING:

SGR-CNL-LDT, GR-DLL-MSFL, and GR-BHC surveys will be run.

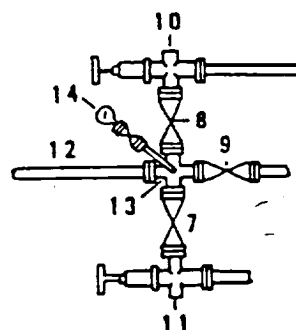
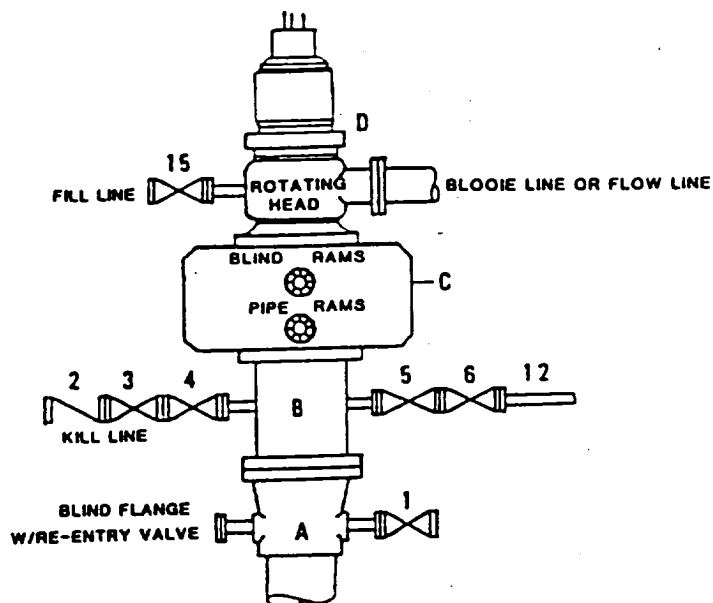
No Mud Logging Unit will be used.

No drill stem tests will be conducted.

No cores will be taken.

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

H₂S TRIM REQUIRED
YES _____ NO _____



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

- 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 with fill up outlet and extended Blooe Line.
- 1,3,4,7,8, 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).
- 15 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.



TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



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

EXHIBIT C

OPERATOR - LANDOWNER AGREEMENT

COMPANY:

TEXACO EXPLORATION AND PRODUCTION INC.

PROPOSED WELL:

A.H. BLINDEBY FEDERAL NCT-3 No. 6

FEDERAL LEASE NUMBER:

LC-032104

This is to advise that Texaco Exploration and Production Inc. has an agreement with:
Tom LINDBERRY P.O. Box 1536, MIDLAND, TX 79702

the surface owner, concerning entry and surface restoration after completion of drilling operations at the above described well.

After abandonment of the well, all pits will be filled and levelled, and all equipment and trash will be removed from the well site. No other requirements were made concerning restoration of the well site.

9/27/96
Date

C. Wade Howard
C. W. Howard
Engineer's Assistant
Midland, Texas

SURFACE USE AND OPERATIONS PLAN
FOR
TEXACO EXPLORATION AND PRODUCTION, INC.

A. H. BLINEBRY FEDERAL NCT-3 No. 6
1650' FNL & 990' FWL, SECTION 31,
TWP. 22 SOUTH, RANGE 38 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

LOCATED: 7.5 miles Southeasterly of Eunice, New Mexico

FEDERAL LEASE NUMBER: LC-032104

LEASE ISSUED: January 1, 1940

ACRES IN LEASE: 2255.12

RECORD LESSEE: TEXACO EXPLORATION AND PRODUCTION, Inc.

SURFACE OWNERSHIP: Tom Lineberry
P. O. Box 1536
Midland Texas 79702

POOL: Blinebry Oil and Gas

POOL RULES: Field Rules are for no wells to be located closer than 330' to any quarter-quarter section, to be 330' from the lease line for the 40 acre oil unit, and 330' from the nearest well.

EXHIBITS: A. Access Road and Facilities Map

B. Drilling Rig Layout Diagram

C. Well Location and Acreage Dedication Plat

1. EXISTING ACCESS ROADS

A. Exhibit "A" is an enlarged portion of a 7.5 minute U.S.G.S. topographic map showing the proposed well site and the existing roads in the area. Point "A" is the intersection of the existing resource road and County Road C-17. Said intersection is approximately 4 miles South of the junction of County Road C-17 and State Highway 18. From Point "A" go Easterly 2.0 miles and Southerly 1.0 miles to Point "B" where the resource road enters Section 31. Continue on the existing resource road on private land (as shown in Blue on Exhibit "A") 0.15 miles Southwesterly, 0.10 miles Southerly, and 0.15 miles Southwesterly to Point "C", the beginning of the resource road on lease. From Point "C" continue Southwesterly 0.60 miles on the existing resource road on lease, then Southerly 0.10 miles to Point "D", the beginning of the proposed resource road.

2. PLANNED RESOURCE ROAD

A. Length and Width: From Point "B" as shown on Exhibit "A" and Exhibit "B", a new 14 foot wide Resource Road will be constructed 80 feet Easterly (Shown in Red on Exhibit "A") with access on the Southwest corner of the proposed well pad, as shown on Exhibits "A" and "B".

B. Surfacing Material: Caliche material will be used to surface the proposed road. It will be watered, compacted, and graded.

C. Maximum Grade: An approximate grade of less than one percent will be encountered ascending from Point "D" to the proposed well pad.

D. Turnouts: Turnouts will not be required.

E. Drainage Design: The new road will be crowned at the center to direct drainage to ditches on both sides of the roadway with turnout ditches to be constructed as required.

F. Culverts: None required.

G. Cuts and Fills: A slight amount of leveling will be required.

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

3. LOCATION OF EXISTING WELLS

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

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A. The oil, gas, and/or water that this well produces will be transported by a 2 7/8" steel surface flowline (Shown in Green) to the existing facilities at A. H. Blinebry Federal NCT-3 Tank Battery located in the NE/4 of the NW/4 of Section 31.

B. Approximately 61' of electric power line will be built to service this well as shown in orange on Exhibit "A". It will be a 12,470 phase to phase, 7200 volts to ground three phase. It will be an operator owned powerline.

5. LOCATION AND TYPE OF WATER SUPPLY

A. It is not contemplated that a water well would be drilled. Water necessary for drilling operations will be purchased and trucked or transported to the well site by a temporary pipeline laid on the ground along the side of the existing and proposed access roads.

6. SOURCE OF CONSTRUCTION MATERIALS

A. Caliche needed for the road and well pad will be transported from an existing pit located in the NE/4 of the SW/4 of Section 29, T-22-S, R-38-E.

7. METHOD OF HANDLING WASTE 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 at commercial or company facilities.

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

E. Trash, waste paper, garbage and junk will be placed in a trash bin located on the drill site pad. It will be transported to an approved landfill for disposal within 30 days after completion of drilling and/or completion of operations. All waste material will be contained to prevent scattering by the wind.

8. ANCILLARY FACILITIES

A. None required.

9. WELL SITE LAYOUT

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

B. Cut and fill requirements will be only moderate, but clearing and leveling of the well site will be necessary.

10. PLANS FOR RECLAMATION OF THE SURFACE

A. After completion of drilling and/or completion of 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 reclamation 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, the land slopes to the West with average slope of approximately one percent.

B. Soil: Top soil at the well site is a shallow to moderate sandy loam.

C. Flora and Fauna: The vegetation cover is moderate. It includes range grasses, weeds, scrub oak bushes, and mesquite bushes. Wildlife in the area is that typical of a semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, hawks, dove, quail and other small birds.

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 were observed in the area.

G. Land Use: Grazing, oil and gas production, and wildlife habitat.

H. Surface Ownership: Private

12. OPERATOR'S REPRESENTATIVE

C. Wade Howard
Engineer's Assistant
Texaco Exploration and Production, Inc.
P. O. Box 3109
Midland, Texas 79701
Office Phone: (915) 688-4606

CERTIFICATION

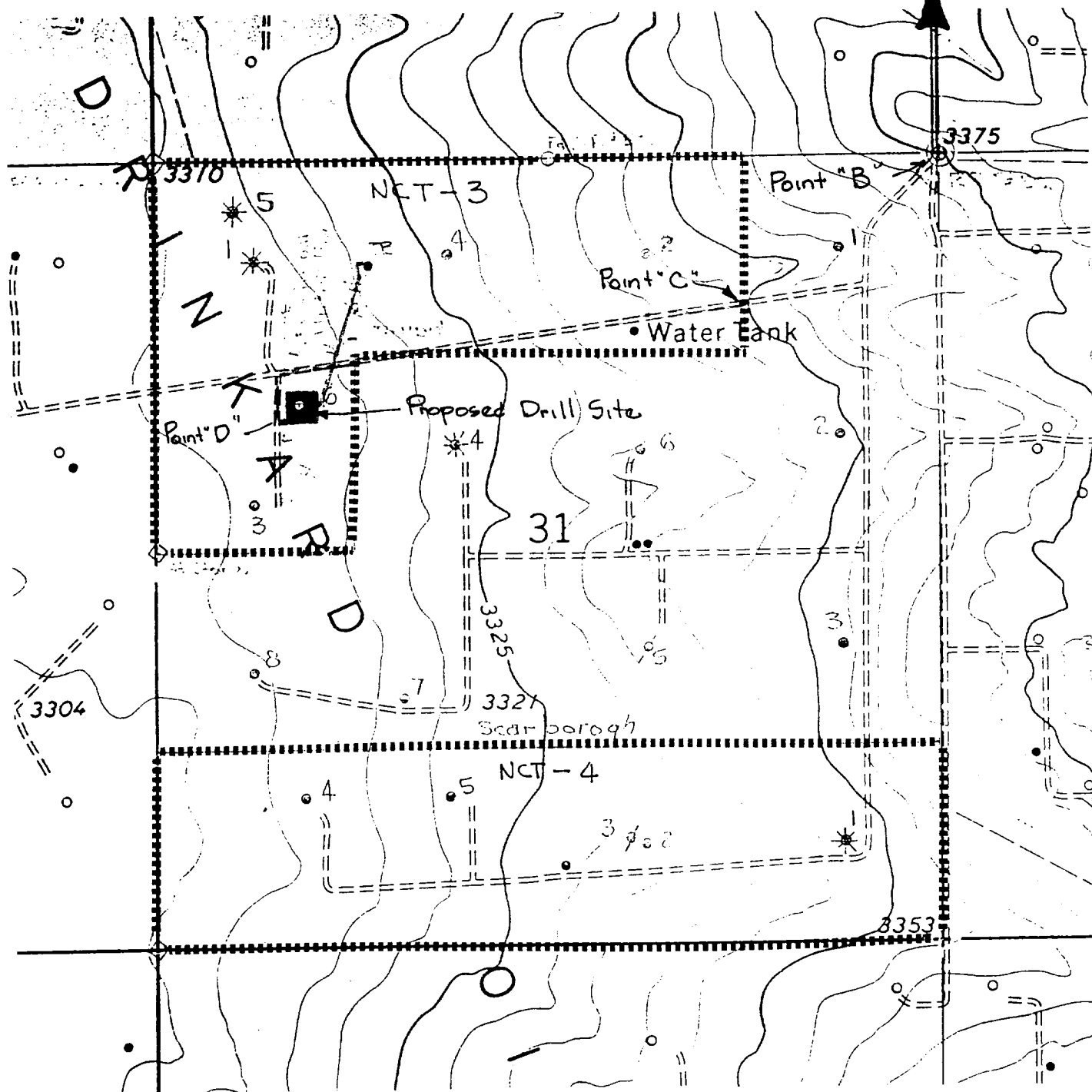
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texaco Exploration and Production, 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.

9/27/96
Date

C. Wade Howard
C. Wade Howard
Engineer's Assistant
Midland, Texas

Enclosures
jsp

2.8 Miles North & West to Co. Road C-17



LEGEND OF SYMBOLS

-
- = Access Road (Yellow)
 - = Resource Road Federal Land (Pink)
 - = Resource Road Private Land (Blue)
 - = Resource Road on Lease (Brown)
 - = Proposed Resource Road (Red)
 - = Proposed Electric Line (Orange)
 - = Proposed Production Flowline (Green)
 - = Staked Well Location
 - = Producing Well Location
 - = Water Well
 - = Found 1" Iron Pipe With Brass Cap
 - = Found 2" Iron Pipe With Brass Cap
 - = Unit or Lease Boundary

EXHIBIT "A" ACCESS ROAD AND FACILITIES MAP

TEXACO EXPLORATION AND PRODUCTION

A. H. BLINEBRY FEDERAL NCT-3 NO. 6
1650' FNL & 990' FWL, Section 31,
T-22-S, R-38-E, NMPM, Lea County, NM

Drawn by: J. S. Piper

Scale: 1" = 1000 Feet

Date: September 26, 1996

C. Wade Howard

Checked by: D. M. Ballew

Sheet: 6 of 8