Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: LC-032104

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

8. FARM OR LEASE NAME: A. H. Blinebry Federal NCT-1

2. NAME OF OPERATOR: Texaco Inc. c/o Darrell Smith

9. WELL NO.: 41

3. ADDRESS OF OPERATOR: P. O. Box 3109, Midland, Texas 79701

10. FIELD AND POOL, OR WILDCAT: Drinkard Wantz (Granite Wash)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 330' FSL & 2310' FEL, Sec. 19, T-22-S, R-38-E
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19, T-22-S, R-38-E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 7 miles Southeast of Eunice, New Mexico

12. COUNTY OR PARISH: Lea

13. STATE: New Mexico

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: 1855.12

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40 Acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 467'

19. PROPOSED DEPTH: 7550'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3358' GR.

22. APPROX. DATE WORK WILL START*: Within 30 days of approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13 3/8" New	48#, H-40	400'	*650sx.(300% to circulate)
12¼"	9 5/8" New	32.3,36#,H-40	2900'	**1400sx.(200% to tie back)
8 3/4"	7" New	23#,26#,K-55	2700',2200'	***750sx.(squeeze top of liner)

*650sx. Class "C" w/1% $CaCl_2$. Cement must circulate (300% to circulate).
**1200sx. TLW w/15# sx. salt followed by 200sx. Class "C" w/10#sx. salt (200% to tie back).
**350sx. TLW w/.3% CFR-2 followed by 300sx. Class "C" w/.3% CFR-2. Squeeze top of liner w/100sx. Class "C" neat.

CIRCULATING MEDIUM (DRILLING FLUID) PROGRAM

0' to 400' depth - Fresh water with paper for loss control.
400' to 7000' depth - Fresh water with viscosity control as needed.
7000' to Total Depth - Low Solids Fluid with oil as needed.

"SEE ATTACHED"

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 [signature] TITLE: Asst. Div. Petr. Engr. DATE: September 15, 1976

(This space for Federal or State office use)

PERMIT NO. SEE ATTACHED FOR CONDITIONS OF APPROVAL APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
OCT 1 1976
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

Unless Drilling Operations have Commenced, this approval Expires 1-13-77

U. S. GEOLOCICAL SURVEY
P. O. Box 1157
Hobbs, New Mexico 88240

HOBBS DISTRICT

Texaco, Inc.
No. 41 A.H. Blinebry NCT-1
SW¼SE¼ Sec. 19-22S-38E
Lea Co., N.M.

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to the attached sheet for general requirements for drilling and producing operations.

2. Notify this office (telephone (505) 393-3612) when the well is spudded and in sufficient time for a representative to witness cementing operations.

3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.

4. Secure prior approval before changing the approved drilling program or commencing plugging operations, plug-back work, casing repair work, or corrective cementing operations.

5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.

6. A kill-line is to be properly installed and is not to be used as a fill-up line.

7. Blowout preventers are to have proper casing rams when running casing.

8. Drill string safety valve(s) to fit all pipe in the drill string to be maintained on the rig floor while drilling operations are in progress.

9. Blowout prevention drills are to be conducted as necessary to assure that equipment is operational and that each crew is properly trained to carry out emergency duties. All BOP tests and drills are to be recorded on the driller's log.

10. If cement does not circulate behind 9-5/8" casing run temperature survey to determine if it did tie back.

11. Operations must be in compliance with the provisions of the landowner agreement concerning surface disturbance and surface restoration.

ANTICIPATED WATER, OIL, GAS AND MINERAL BEARING FORMATIONS

Well: A. H. Blinebry Federal (NCT-1) Well No. 41
Location: 330' FSL & 2310' FEL, Sec. 19, T-22-S, R-38-E
County: Lea State: New Mexico
Estimated Elevation: 3358' Proposed TD: 7550'
Surface Formation: Ogallala

FORMATION TOPS

Depth	Formation	Oil	Gas	Water	Minerals
0'	Ogallala			X	
1300'	Rustler			X	
2580'	Yates			X	
3950'	San Andres			X	
5130'	Glorieta	X			
5530'	Blinebry	X	X		
6020'	Tubb	X	X		
6300'	Drinkard	X	X		
7390'	Granite Wash	X			

(12) No testing or coring programs are planned for this well. An acoustic and resistivity logging survey will be run in the open hole upon reaching total depth.

(13) No abnormal pressures or temperatures or hazardous gases are anticipated to be encountered in this well.

(14) Anticipated starting date will be within 30 days of approval date.

COMPLETION PROGRAM

Blowout preventer (see Exhibit "B") will be installed after surface pipe set at 400'. Testing frequency every 8 hours.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCA N 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	Lease	Well No.
TEXACO Inc.	A. H. Blinebry NCT-1	41

Unit Letter	Section	Township	Range	County
O	19	22 South	38 East	Lea

Actual Footage Location of Well:
330 feet from the South line and 2310 feet from the East line Sec. 19

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3358	Drinkard Granite Wash	Drinkard Wantz (Granite Wash)	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

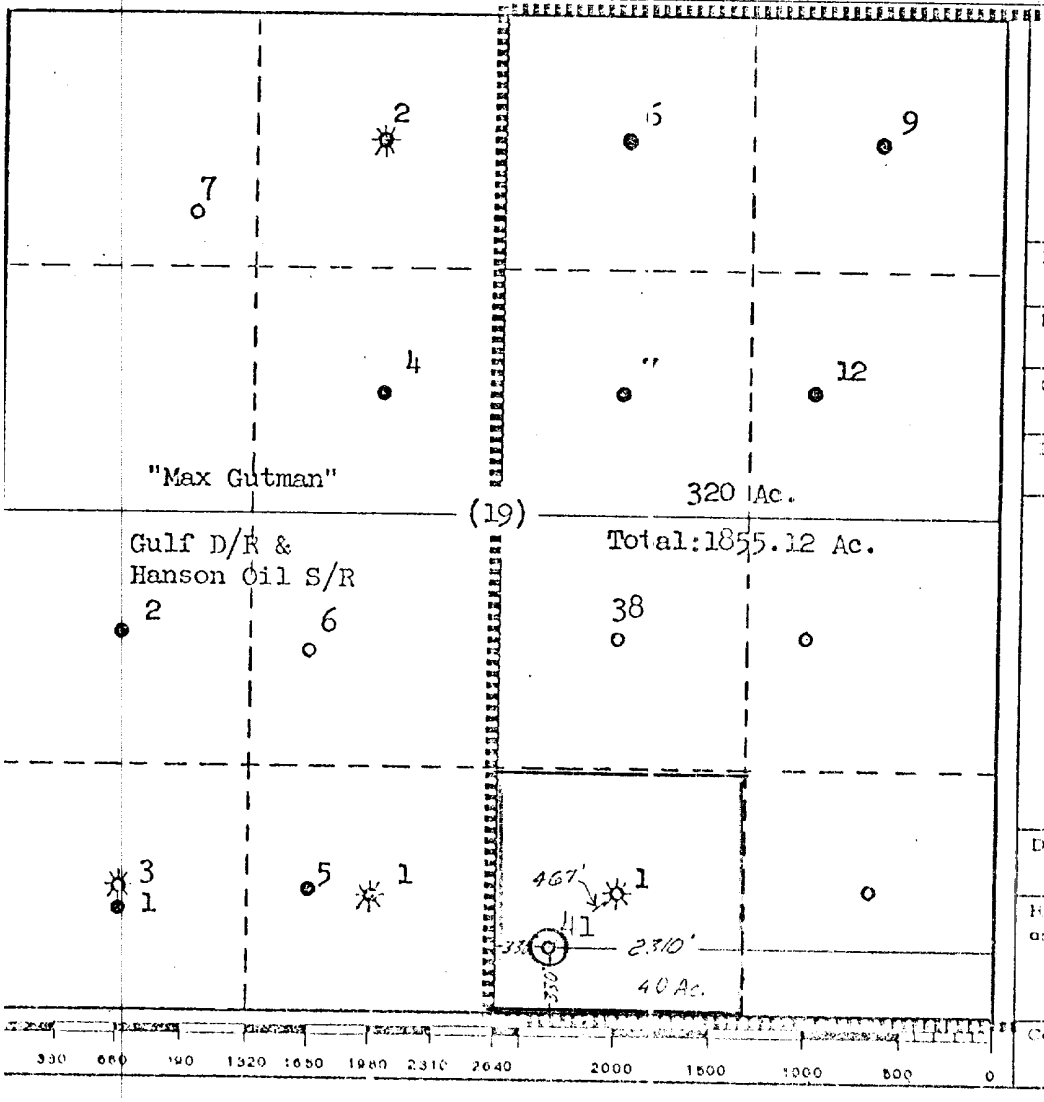
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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-pool ng. 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.



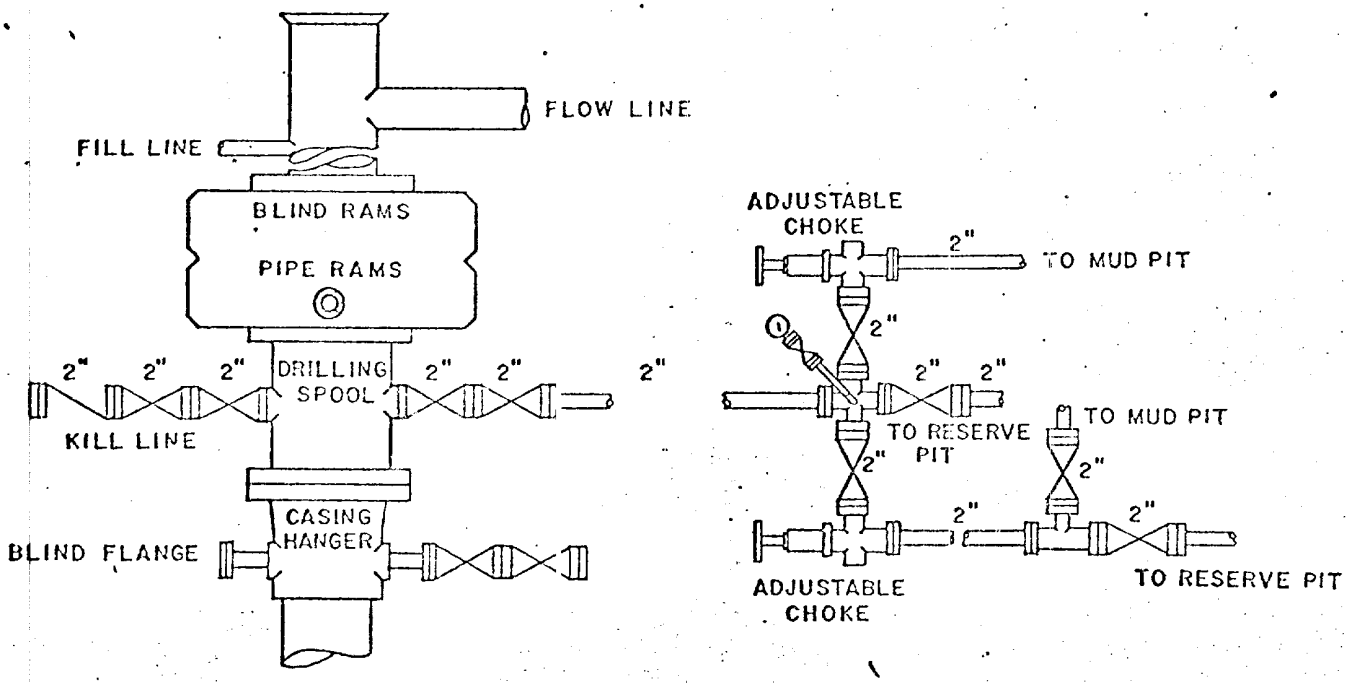
CERTIFICATION

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

Name: B. L. Eiland
Position: Division Surveyor
Company: TEXACO Inc.
Date: September 13,1976

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 13, 1976
Registered Professional Engineer and/or Land Surveyor: B. L. Eiland
Certificate No.: 4386



3000# Pressure Rating

ALE: NONE	DATE	EST. NO.	DRG. NO.
AWN BY JWD			
ECKED BY RDW			
PROVED BY			

TEXACO, INC.
PRODUCING DEPARTMENT-U.S. (EAST)
MIDLAND, TEXAS

EXHIBIT "B"

A. H. BLINEBRY-FEDERAL NCT-1 WELL NO. 41

MULTI-POINT SURFACE USE AND OPERATORS PLAN

TEXACO INC.
A. H. BLINEBRY-FEDERAL NCT-1 NO. 41
330' FSL & 2310' FEL, Sec. 19
T-22-S, R-38-E, Lea County, New Mexico
Federal Lease No. LC032104

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS:

   A. Exhibit "A" is a portion of a topographic map showing the proposed well as staked. This location may be reached from the intersection of Highway 176 and Highway 18 (which is two miles east of Eunice). Go South on Highway 18 ½ miles and bear to the left on a paved county road and proceed 3.9 miles, turn left or East, and go on a graded caliche road for 1 3/4 miles, turn left or North, cross cattleguard and go 0.1 mile, turn left or West, go 0.1 mile to existing Well No. 1. New location is 330' West and 330' South.

   B. Exhibit "B' is a plat showing all existing roads within a one mile radius of the well site, and the planned access road.

   C. A portion of the existing lease road beginning 0.1 mile North of the cattleguard and going West for 0.1 mile will need widening and repaired. Repairs will consist of a new caliche surface 6" deep and 12 feet wide, watered and compacted.

2. PLANNED ACCESS ROAD:

   A. Length and width: New road required will be 12 feet wide and 450 feet long. This new road is labeled and coded as shown on Exhibit "B" and "C". The centerline of the proposed road is staked and flagged with the stakes being visible from one to the next.

   B. Turnouts - None required

   C. Culverts - None required

   D. Cuts and fills - None required

E. Gates, Cattleguards - None required

3. LOCATION OF EXISTING WELLS:

A. Existing wells within a one mile radius are shown on Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. Location of existing tank batteries and flow lines, electric lines and other facilities are shown on Exhibit "C". All flow lines are laid on the surface and pipelines are buried.

B. If the proposed well is completed as a producer, the location of the new flow line to the existing tank battery is shown in Exhibit "C". The flow line will not be buried and the centerline of the proposed flow lines have been staked and flagged.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water for drilling will be purchased from Commercial sources and transported to the well-site by tank truck using roads as shown in Exhibit "A" and "B".

6. SOURCE OF CONSTRUCTION MATERIALS:

A. Caliche for surfacing the road and well pad will be obtained from an existing pit in the NE/4 of NW/4 Sec. 30, T-22-S, R-38-E. The pit is on land owned by Mr. G. P. Sims, Eunice, New Mexico. Location of this pit is shown on Exhibit "B".

7. METHODS 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 pits are dry.

C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.

D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

E. All trash, junk and other waste material will be contained to prevent scattering and will be removed and deposited in an approved sanitary land fill.

F. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

A. None will be required.

9. WELLSITE LAYOUT:

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

B. Only minor leveling of the wellsite will be required. No significant cuts and fills will be necessary.

C. The reserve pit will be plastic lined.

D. The pad and pit area will be staked and flagged, at the time construction begins.

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 location cleaned of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.

B. Any unguarded pits containing fluids will be fenced until they are filled.

C. After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and location will be cleaned. The pit area, well pad, and all unneeded access road will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

11. OTHER INFORMATION:

A. Topography: Land surface is gently rolling. The elevation at the wellsite is 3353 feet above sea level and the land slopes to the West.

B. Soil: Sandy loam and underlain with caliche.

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

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

E. Residences and other structures: The nearest occupied dwelling is approximately 1¼ miles West. The nearest water well is a windmill approximately 1000' South of the Northeast corner of Section 19, T-22-S, R-38-E.

F. Land Use: Grazing

G. Surface Ownership: The wellsite is on land owned by Mr. George P. Sims, Eunice, New Mexico. A copy of the Operator/Landowner Agreement is attached "Exhibit E". The roads to be used to reach the wellsite are also on land owned by Mr. Sims.

12. OPERATOR'S REPRESENTATIVE:

The field representatives responsible for assuring compliance with the approved surface use and operations plan are as follows:

Mr. R. L. Wall
Box 1065
Eunice, New Mexico
Office Phone: (505) 394-2585
Home Phone: (505) 393-3961

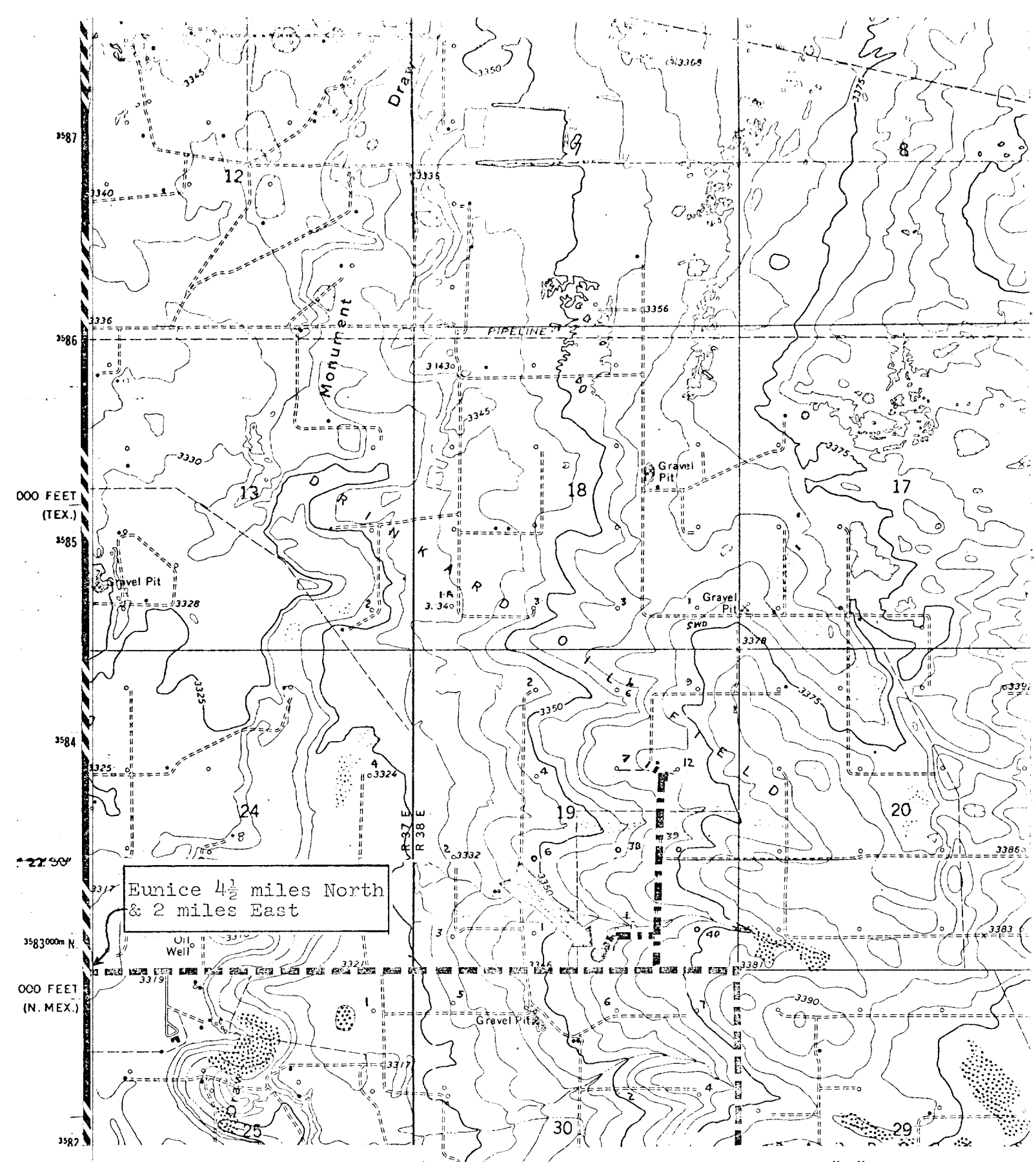
Mr. V. G. Johnston
Box 728
Hobbs, New Mexico
Office Phone: (505) 393-7191
Home Phone: (505) 393-4549

13. 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 the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Texaco Inc. and its contractors and subcontractors in confirmity with this plan and the terms and conditions under which it is approved.

9-15-76
Date

J W Stinnon 9-15-76
Name and Title



LEGEND

- Paved Road
- Graded Dirt Road
- Existing Lease Road
- Proposed Road (450' long 12' wide)

EXHIBIT "A"

TEXACO INC.
A. H. Blinebry-Federal NCT-1 No. 41
330'/South & 2310'/East Sec. 19
T-22-S R-38-E Lea County, New Mexico
Scale: 1"=2000' 9-8-76

TEXACO Inc.

TEXACO Inc.

TEXACO Inc.

C. H. LOCKHART - FED.

D. BALLENGER

W. L. NIX

TEXACO Inc.

A. H. BLINEBRY-FED. NCT-1

—LEGEND—

- G.L.O. Brass Cap
- Electric Lines
- Fence
- Pipeline (Buried)
- Existing Lease Roads
- Proposed New Road
- Tank Battery
- Windmill
- Existing Flowlines (Surface)
- Proposed Flowlines
- Proposed Electric Line
- Heater Treater
- Lease Lines

TEXACO INC.

EXHIBIT "C"

A.H. Blinebry - Federal NCT-1 No. 41
330'/South & 2310'/East Sec. 19
T-22-S R-38-E
Lea Co., New Mexico

Scale 1"=500' 9-15-76 Drawn:SES

Existing Lease Road
To Be Re-Built

New Access Road 450
feet long 12 feet wide

Oil Well

Gravel Pit

Gravel Pit

Water Tank

Monument

OIL FIELD

PADDOCK

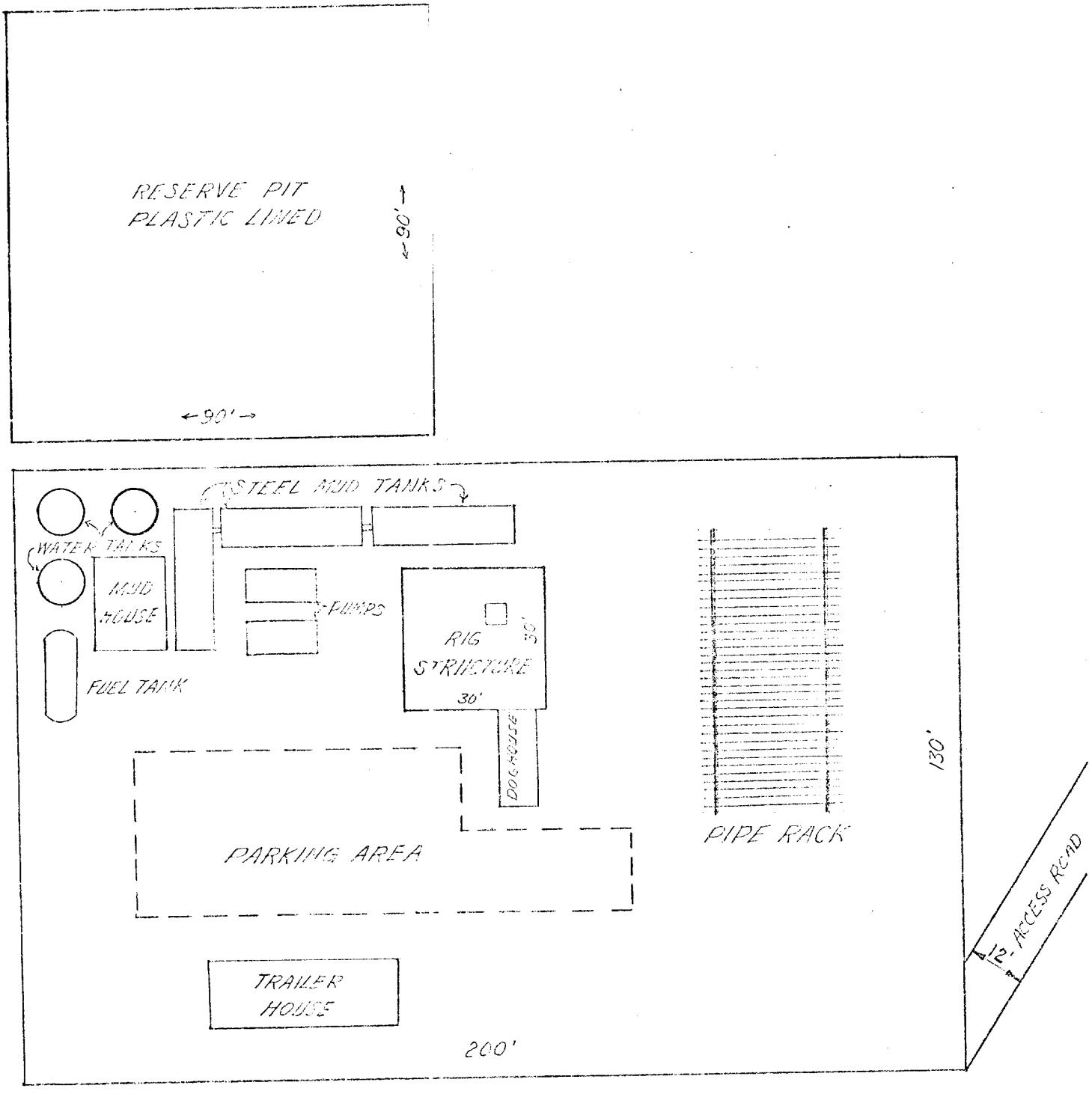
LEGEND

- Proposed New Well Location
- Graded Dirt Roads
- Existing Lease Roads
- Proposed New Access Road
- Lease Lines

EXHIBIT "B"
SURFACE USE PLAN
Map Showing Existing Roads and Well Locations Around A. H. Blinebry-Federal NCT-1 No. 41

Scale: 1" = 1000'

9-14-76



SCALE 1"= 30'

Exhibit "D"