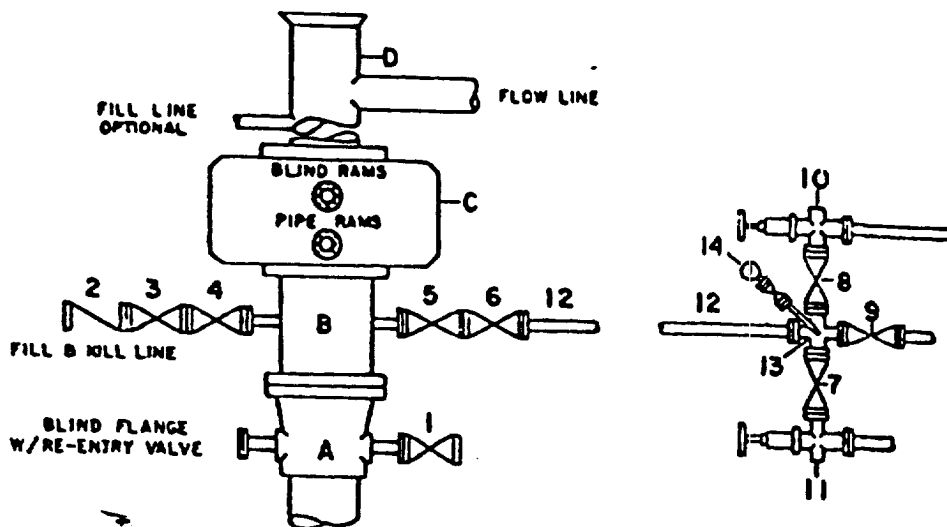


# DRILLING CONTROL CONDITION II-3000 PSI WP

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## DRILLING CONTROL

### MATERIAL LIST - CONDITION II

- 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 Bell nipple with flowline and fill-up outlets. (Kill line may also be used for fill-up 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.)

SCALE	DATE	ES. NO.	DRG. NO.
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CHECKED BY			
APPROVED BY			



TEXACO, INC.  
W.P. AND DIVISION  
HOUSTON, TEXAS



EXHIBIT B

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SURFACE USE AND OPERATIONS PLAN  
FOR  
TEXACO INC.  
SOUTHERN CALIFORNIA FEDERAL WELL NO. 3  
1980' FSL & 1980' FWL, SEC. 29, T-19-S, R-32-E  
LEA COUNTY, NEW MEXICO

Location: 6 miles northwest of Halfway, New Mexico

Federal Lease Number: LC-063586

Acres in Lease: 80

Record Lessee: Texaco Inc.

Surface Ownership: Federal

Grazing Permittee: Snyder Ranches  
c/o Larry Squires  
P. O. Box 726  
Lovington, New Mexico 88260

Pool: Undesignated Delaware

Pool Rules: Statewide. 40 acre spacing for oil.

Exhibits: A. Roadmap

B. Plat showing existing roads and wells.

C. Plat of proposed battery.

1. EXISTING ROADS:

- A. Exhibit A is a roadmap showing the location of the subject well. Point A on the map is on U. S. Highway 62 & 180 about 3/4 mile east of Halfway where State Road 176 heads north. Proceed on 176 for approximately 4-1/2 miles and turn north just before passing a potash mine installation. Travel North 4.9 miles, turn right and go .5 mile to the well location.
- B. Exhibit B shows existing roads in the vicinity and to the well location.
- C. Some repair to existing caliche roads in the area will be required.

2. PLANNED ACCESS ROAD:

- A. No new road will be needed.

3. LOCATION OF EXISTING WELLS:

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

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. This well will produce into a tank battery which will be built at the location. The flow line connecting the well to the tank battery will be run on the pad or adjacent to it.
- B. 1700' of primary electric line will be constructed using 9 poles with Birdguard construction from southwestern Public Services line to the well location (See Exhibit "B"). The line has been archaeologically cleared.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. A water well will not be drilled. Water necessary for re-entry operations will be purchased and trucked to the well site.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. Caliche needed for construction work will be taken from an existing pit located in the NE/4, NE/4 of Section 30. There are two pits in this location and the South pit will be used. (See Exhibit "B"). This pit has been archaeologically cleared.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be returned to the steel reverse unit pits. Upon completion of the re-entry, drilling fluids and cuttings will be trucked off and disposed of by a licensed tank cleaner.
- B. Water and oil produced during tests will be stored in test tanks.
- C. All waste material will be contained to prevent scattering by the wind. All trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

- A. A tank battery consisting of 3 500-barrel steel tanks, a test separator and a heater treater will be constructed on the west side of the well pad. Exhibit "C" is a plat of the proposed facility.
- B. The existing pad will have to be enlarged to accommodate the tank battery. A 400' x 400' area around the well has been archaeologically cleared for this purpose.

9. WELL SITE LAYOUT:

- A. All equipment needed will be confined to the well pad.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of re-entry operations, all equipment and other material not needed for operations will be removed. The location will be cleaned of all trash and junk to leave the well site in an aesthetically pleasing condition as possible.
- B. After abandonment, all equipment, trash and junk will be removed and the well site cleaned. Any special rehabilitation and/or special revegetation requirements, will be complied with and accomplished as expeditiously as possible.

11. OTHER INFORMATION:

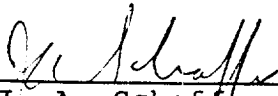
- A. TOPOGRAPHY: The land surface in the area of the well is relatively level. Regionally, land slope is to be southwest.
- B. SOIL: Topsoil at the site is sand.

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- 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, HISTORY OR OTHER CULTURAL SITES:  
None observed in the area.
- G. LAND USE: Oil and gas production, grazing and wildlife habitat.
- H. SURFACE OWNERSHIP: Federal.
12. OPERATORS REPRESENTATIVE:
- J. A. Schaffer  
Texaco Inc.  
P. O. Box 728  
Hobbs, New Mexico 88240  
Office Phone: 505-393-7191
13. CERTIFICATION:

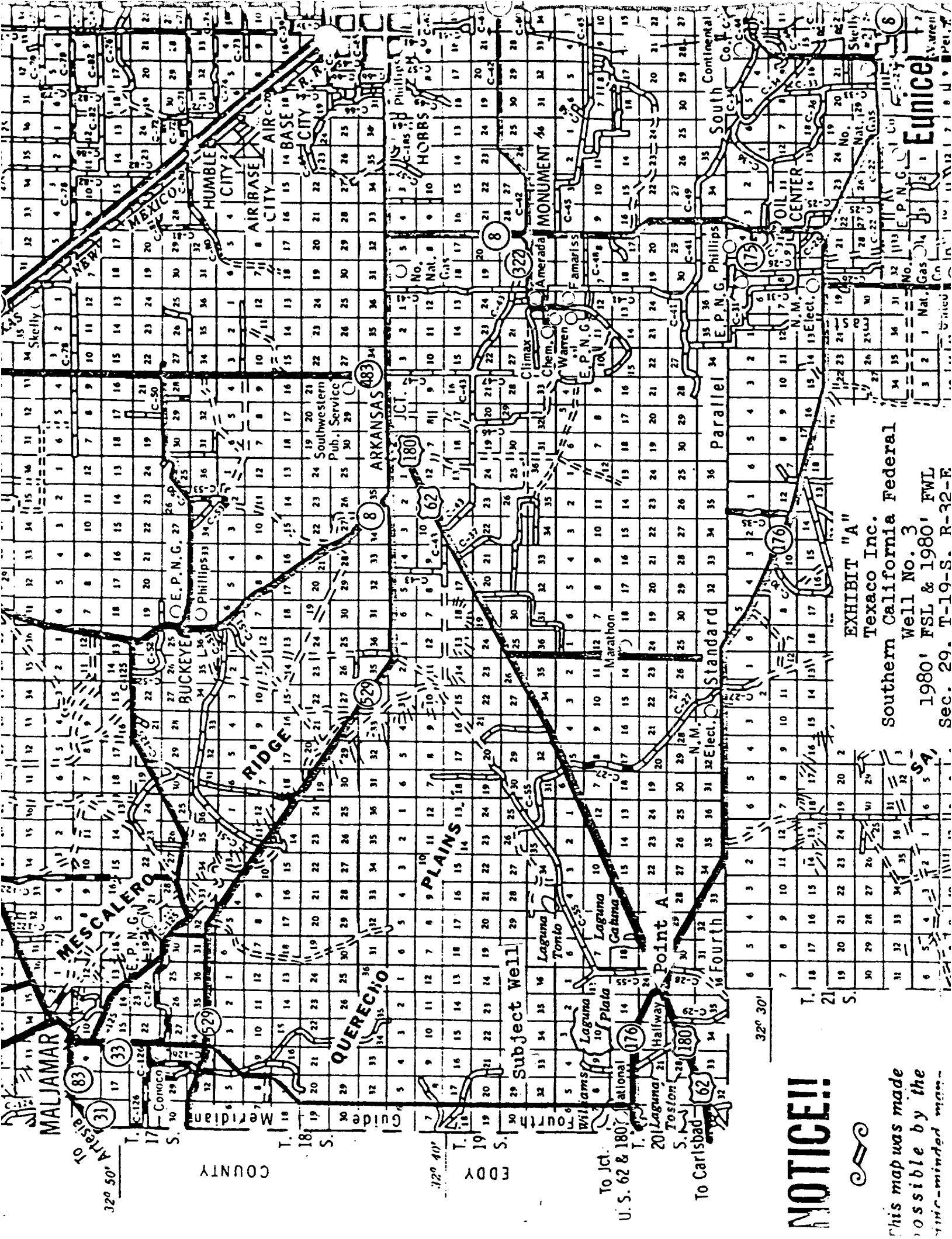
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texaco Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: May 22, 1987

  
\_\_\_\_\_  
J. A. Schaffer  
District Operations Mgr.

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NOTICE!!



This map was made possible by the

EXHIBIT "A"  
Texaco Inc.  
Southern California Federal  
Well No. 3  
1980' FSL & 1980' FWL  
Sec. 29. T-19-S. R-32-E

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