

SURFACE USE AND OPERATIONS PLAN

FOR

POGO PRODUCING COMPANY  
CAL-MON WELL NO. 8  
2310' FNL & 330' FWL SEC. 35, T. 23 S., R. 31 E.  
EDDY COUNTY, NEW MEXICO

LOCATED: 20 miles east of Loving, New Mexico.

FEDERAL LEASE NUMBER: NM-19199.

LEASE DATE: October 1, 1973. Lease is in producing status.

ACRES IN LEASE: 640.

LESSEE: Pogo Producing Company.

SURFACE OWNERSHIP: Federal.

GRAZING PERMITTEE: Charles F. James (505-885-3938)  
1207 W. Riverside Drive  
Carlsbad, New Mexico 88220

POOL: Undesignated Ingle Wells Delaware

POOL RULES: Statewide Rules. 40 acre spacing for oil.

EXHIBITS: A. Road Map  
B. Plat Showing Existing Wells and Existing Roads  
C. Drilling Rig Layout  
D. Topo Plat

### 1. EXISTING ROADS:

A. Exhibit "A" is a portion of a road map showing the location of the proposed well as staked. Point "A" on the plat is on State highway 128 at Milepost 16.8, approximately 20 miles east of Loving, New Mexico, where a caliche road goes north through a swing gate cattle guard. This point is near the west end of the roadside park. Also see Exhibits "B" and "D". To go to the proposed well site from this point, go northwest on 128 about 0.3 mile and the proposed well site will be on the southwest side of the road at about 300 feet.

B. Exhibit "B" shows existing pertinent roads in the vicinity of the proposed well site. Existing roads are color coded.

### 2. PLANNED ACCESS ROAD:

A. Length and width: The access route will leave State 128 about 0.2 mile northwest of Point "A" where a ripped caliche road goes southwest. About 200 feet of the ripped road will be repaired, and about 600 feet of new road 12 feet wide will be constructed from this point to the well pad as shown labeled and color coded red on Exhibit "B".

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

C. Maximum Grade: One percent.

D. Turnouts: Probably one.

E. Drainage Design: The new road will be crowned with drainage to the side.

F. Culverts: None needed.

G. Cuts and Fills: None needed.

H. Gates and Cattle Guards: A cattle guard will be installed in the fence where the access road leaves State 128.

### 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. Necessary production facilities for this well will be located on the well pad.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is not planned 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 construction work will be taken, if present, from a pit opened on-site within the 400'x 450' archaeologically cleared work area adjacent to the reserve pit. Otherwise, caliche will be taken from the existing pit on Federal land in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 4, T.24 S., R.31 E., Eddy County, New Mexico, and will be trucked to the well site over existing and proposed roads.

7. METHODS OF HANDLING WASTE MATERIAL:

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 or will be stored in tanks for disposal in an approved disposal system.

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

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

8. ANCILLARY FACILITIES:

A. None necessary.

9. WELL SITE LAYOUT:

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

B. Clearing and levelling of the pad and pit area will be required.

C. The pad and pit area is staked and flagged.

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 from the well site. 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.

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

11. OTHER INFORMATION:

A. Topography: The land surface in the general area is gently undulating and dunny. In the immediate area of the well site, the land surface slopes gently to the southwest. Regionally, drainage is to the west and southwest.

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

C. Flora and Fauna: The vegetative cover is moderate and includes mesquite, shinnery oak, sand sage, yucca, weeds, and range grasses. Wildlife in the area is that typical of semi-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 a mile of the proposed well site.

F. Archaeological, Historical, and Cultural Sites: None observed. However, an archaeological reconnaissance is to be accomplished and a report furnished.

G. Land Use: Grazing and wildlife habitat.

H. Surface Ownership: Federal.

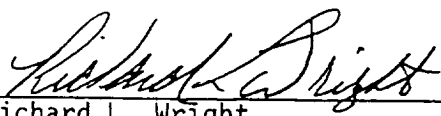
12. OPERATOR's REPRESENTATIVE:

Richard L. Wright  
Division Operations Supervisor  
Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702  
Office Phone: 915-682-6822

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 Pogo Producing Company 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.

July 16, 1992  
Date:

  
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Richard L. Wright  
Division Operations Supervisor

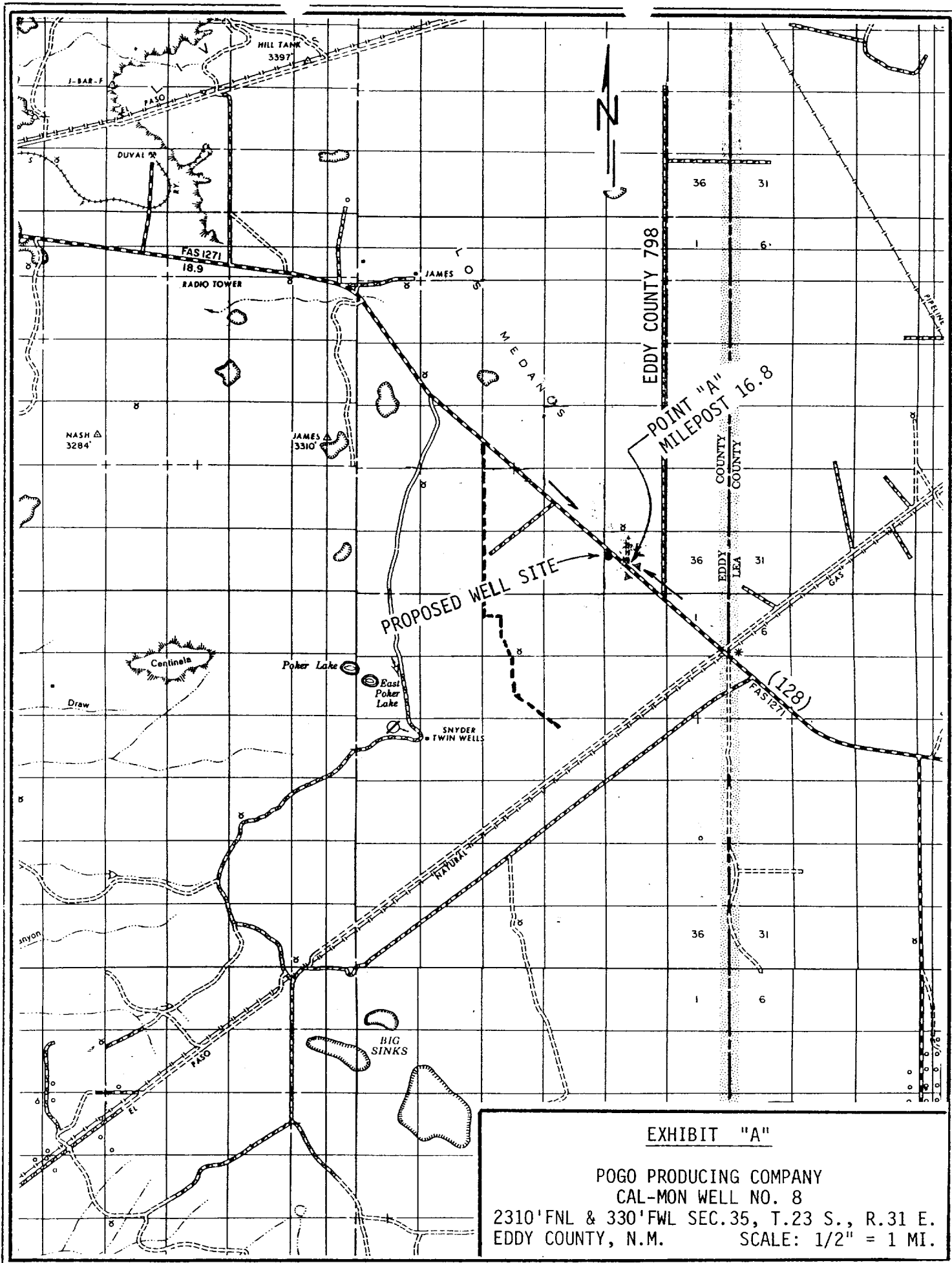


EXHIBIT "A"

POGO PRODUCING COMPANY  
CAL-MON WELL NO. 8  
2310' FNL & 330' FWL SEC. 35, T. 23 S., R. 31 E.  
EDDY COUNTY, N.M.

R. 31 E.



27

26

25

STATE 128

EDDY CO. 798

PIPELINE

34

PROPOSED WELL SITE

NEW ROAD

35

POINT "A"

36

T. 23 S.

T. 24 S.

CALICHE ROAD  
(RIPPED)

LEASE BOUNDARY

3

2

PIPELINE

PIPELINE

STATE 128

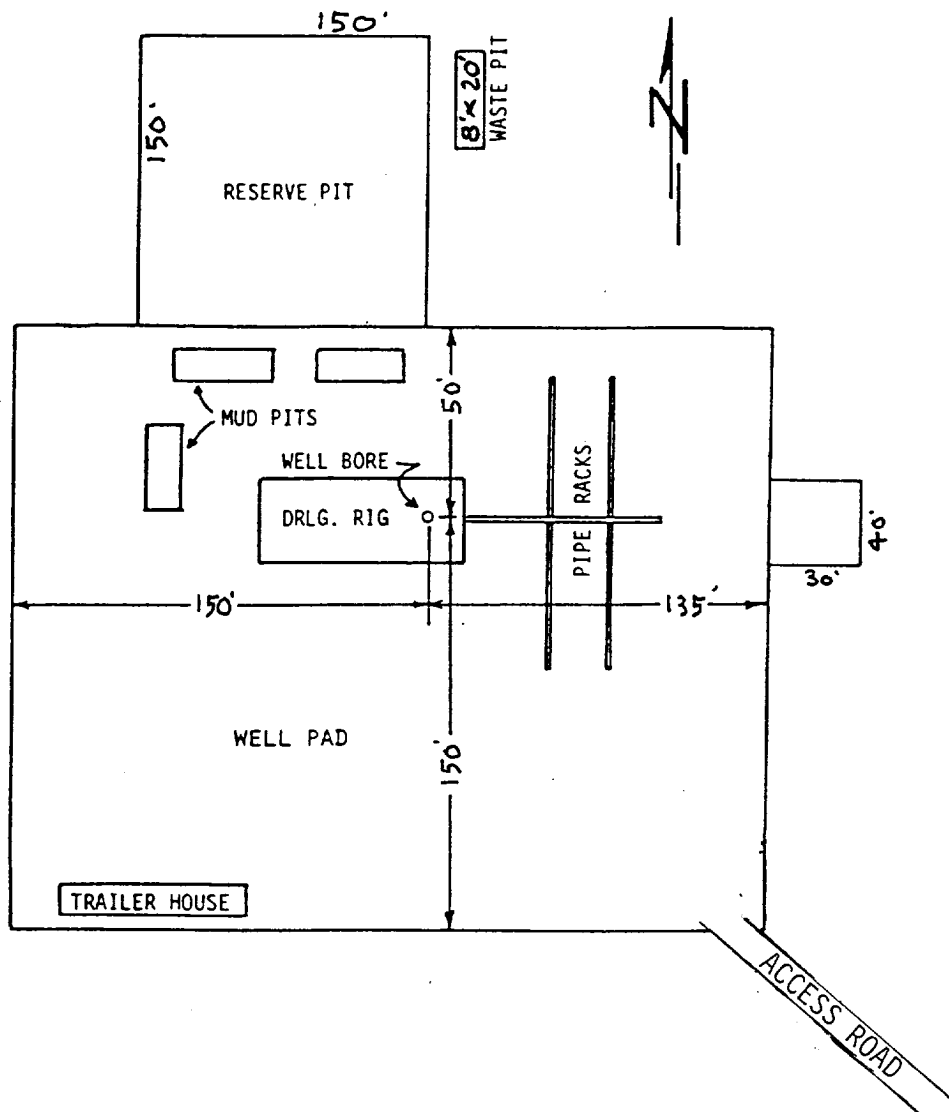
EDDY CO.  
LEA CO.

**LEGEND:**

- Oil Well
- ⊛ Gas Well
- Proposed Well
- State Highway 128
- Eddy Co. 798 (Blacktop)
- Existing Caliche Road
- Proposed New Road

**EXHIBIT "B"**

POGO PRODUCING COMPANY  
CAL-MON WELL NO. 8  
2310' FNL & 330' FWL SEC. 35, T. 23 S., R. 31 E.  
EDDY COUNTY, N.M. SCALE: 1" = 2000'



### EXHIBIT "C"

POGO PRODUCING COMPANY  
CAL-MON WELL NO. 8

DRILLING RIG LAYOUT  
SCALE: None



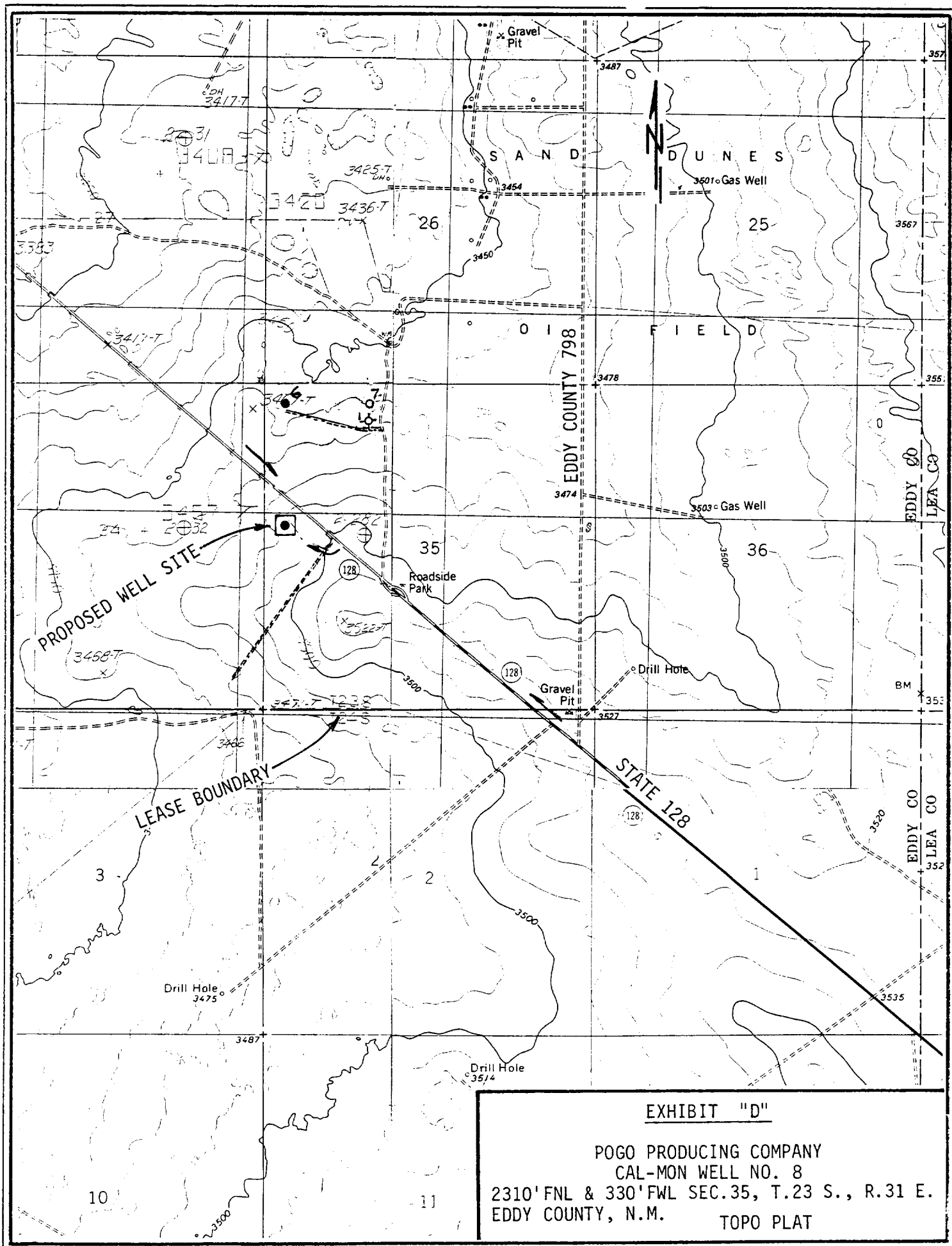


EXHIBIT "D"

POGO PRODUCING COMPANY  
CAL-MON WELL NO. 8  
2310' FNL & 330' FWL SEC. 35, T.23 S., R.31 E.  
EDDY COUNTY, N.M. TOPO PLAT