

SURFACE USE PLAN
Continental Oil Company, Warren Unit No. 46
660' FSL and 1800' FEL of Section 21, T-20S, R-38E
Lease LC031670(b), Lea County, NM

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately ten miles south of Hobbs, New Mexico. The following is a discussion of pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. Existing Roads

- A. The proposed well site is 660' FSL and 1800' FEL of Section 21, T-20S, R-38E, Lea County, New Mexico.
- B. Exhibit "A" is a portion of a New Mexico road map showing existing black top roads. Directions to the location (outlined in red on map) from Hobbs, New Mexico are as follows: From the Stanolind Road on the south edge of Hobbs travel south 9.6 miles on Highway 18 and turn west at "Bicentennial Cattleguard." Go west .75 mile, north .50 mile to Well No. 36. Proposed location is one location west and one location north of No. 36.
- C.D.E. The access roads are shown on Exhibits "B" and "C".
- F. No improvement or maintenance are anticipated for the existing roads.

2. Planned Access Roads

- A. Width and Length: New road required will be 12' wide and 3780' long. This new road is labeled on Exhibit "B" and color coded on Exhibit "C". (staked)
- B. Turnouts: None
- C. Drainage Design: New road will have a drop of 6" from center line on each side.
- D. Culverts, Cuts and Fills: None. No cut required, only level loc.
- E. Surfacing Material: Six inches of caliche, bladed, watered and compacted.
- F. Gates, Cattleguards, Fences: None required
- G. The proposed road is staked.

3. Location of Existing Wells

See Exhibit "C"

4. Location of Existing and/or Proposed Facilities

- A. Tank Batteries: The existing production header is located in the SW/4 of Section 27, and located on Exhibit "C".
- B. Producing Facilities: No additional producing facilities are required.
- C. Oil Gathering Lines: The flowline will lay (not buried) approximately 7700' south and east following roads to the production header in SW/4 of Section 27, as shown on Exhibit "C".
- D. Other Lines: No additional gas gathering, injection or disposal lines will be required.
- E. Rehabilitation: Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

5. Water Supply

The supply of water will be hauled from Eunice, New Mexico.

6. Source of Construction Materials

- A. Caliche for surfacing the new road and the well pad will be obtained from an existing pit in the SE/SE Section 15, T-20S, R-38E, as shown on Exhibits "B" and "C".
- B. Caliche to be purchased from Mr. Earl Kornegay.
- C. The caliche to be hauled, from the location of caliche pit, travel 1 3/4 miles south, west .75 mile, and north .50 mile to new road.

7. Methods for Handling Waste Disposal

Waste Disposal: Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within

drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "D" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted to the survey for appropriate approval.

8. Ancillary Facilities

None

9. Well Site Layout

Exhibit "D" shows the relative location and dimensions of the well pad, mud pit, reserve pit, trash barrel, etc. The reserve pit will be lined with plastic. The pad and pits are staked.

10. Plans for Restoration of Surface

Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

11. Other Information

- A. Terrain: Low rolling sand hills. See Exhibit "B", topographic map of area.
- B. Soil: Sandy
- C. Vegetation: Sparse, Shinnery
- D. Surface Use: Grazing
- E. Ponds and Streams: None within one mile
- F. Water Wells: None within one mile
- G. Residences and Building: None within one mile
- H. Arroyos, Canyons, Etc.: There are no significant surface features, see attached Exhibit "B".
- I. Well Sign: Sign identifying and locating well will be maintained at drill site with the spudding of the well.
- J. Open Pits: All pits containing mud or other liquids will be fenced.

K. Archaeological Resources: None observed

12. Operator's Representative

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

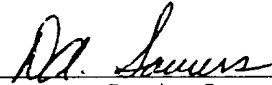
Production and Drilling
W. D. Cates or D. A. Sowers
1001 North Turner
Hobbs, New Mexico 88240
Phone: 393-4141

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 Continental Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

3-7-77

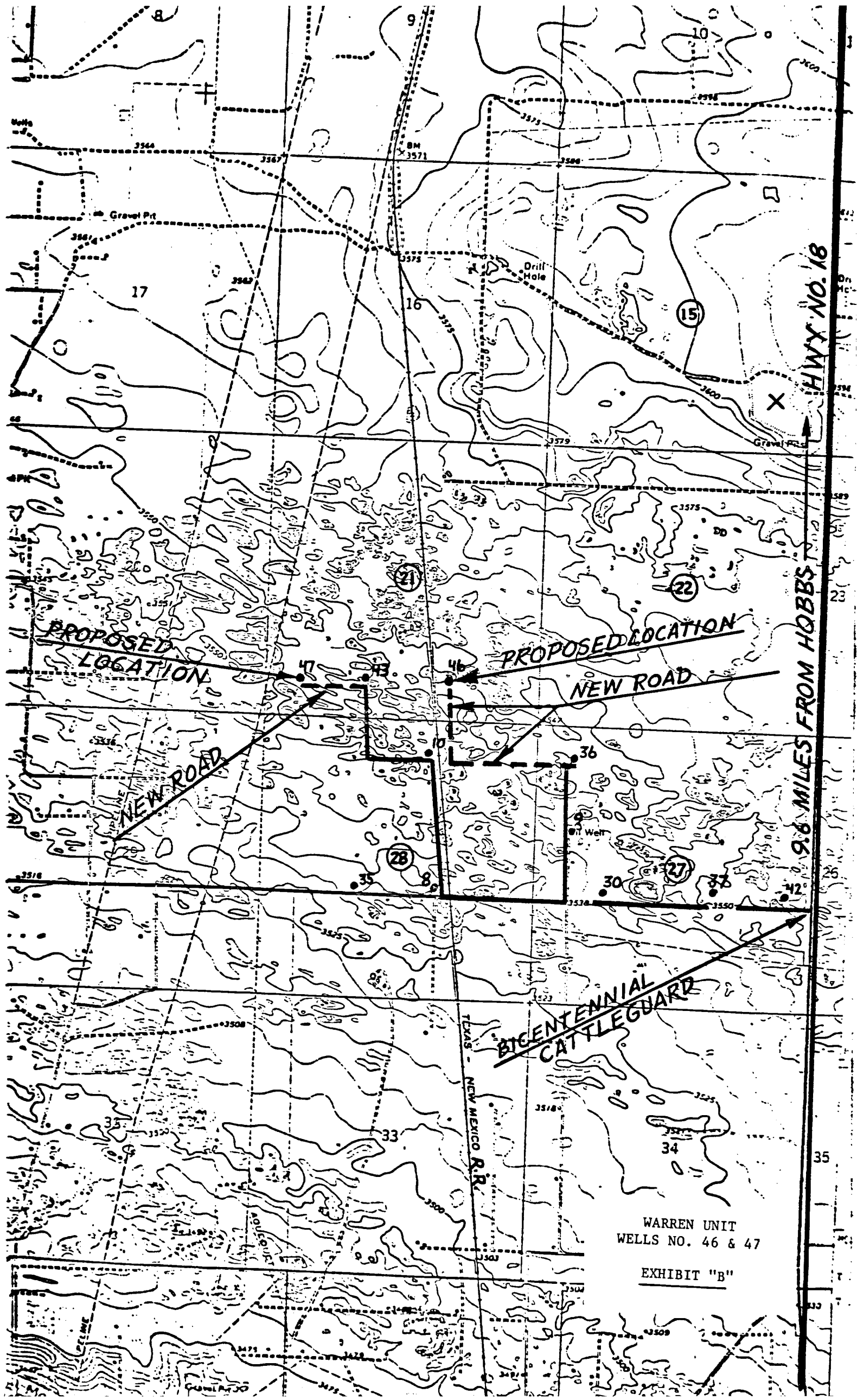
Date



D. A. Sowers

Production Superintendent

rej



HWY NO. 18

PROPOSED LOCATION

PROPOSED LOCATION

NEW ROAD

NEW ROAD

BICENTENNIAL CATTLE GUARD

WARREN UNIT
WELLS NO. 46 & 47

EXHIBIT "B"

TEXAS - NEW MEXICO R.R.

35

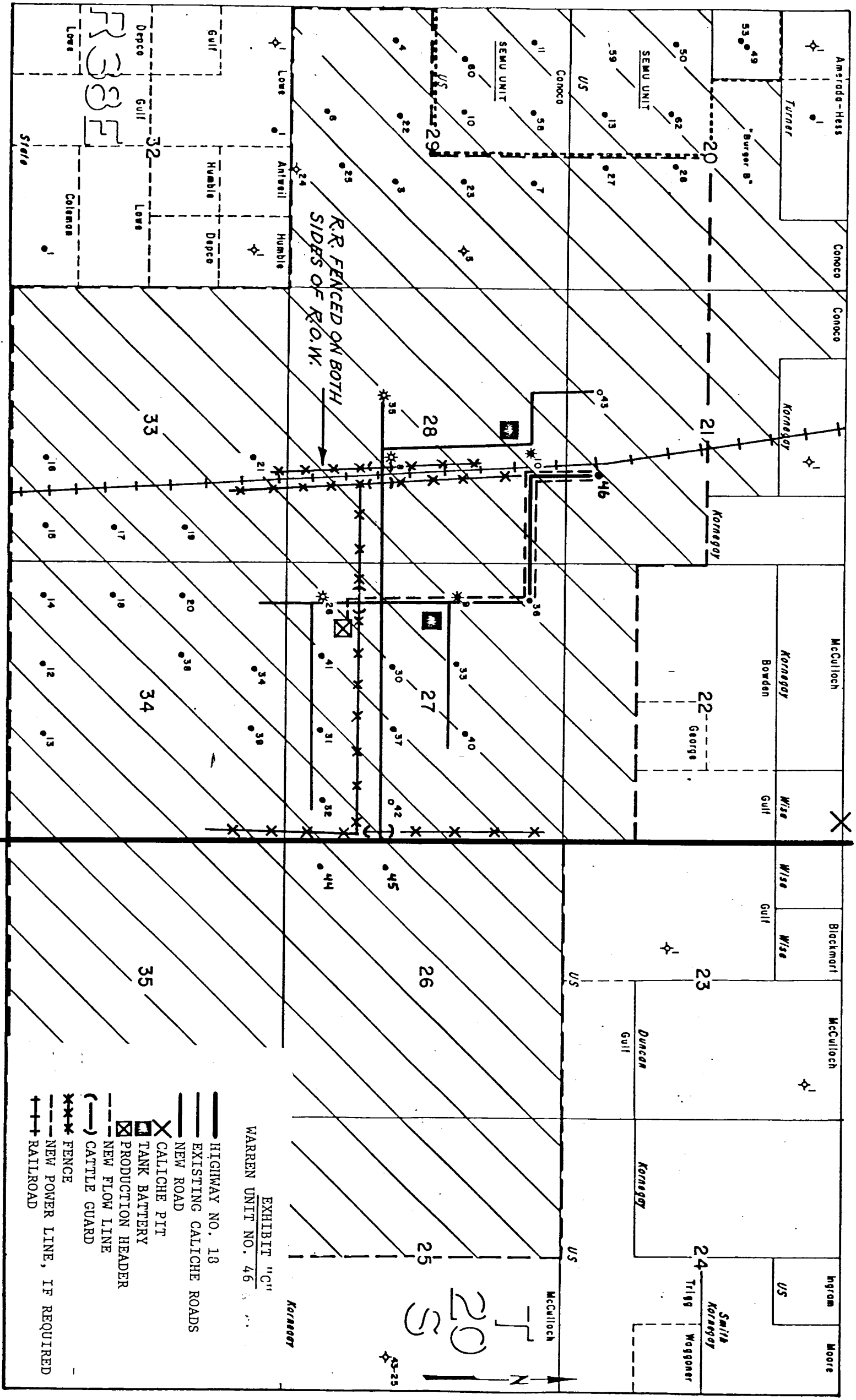
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RECEIVED

APR 1977

OIL CONSERVATION COMM.
HUBBS, N. M.



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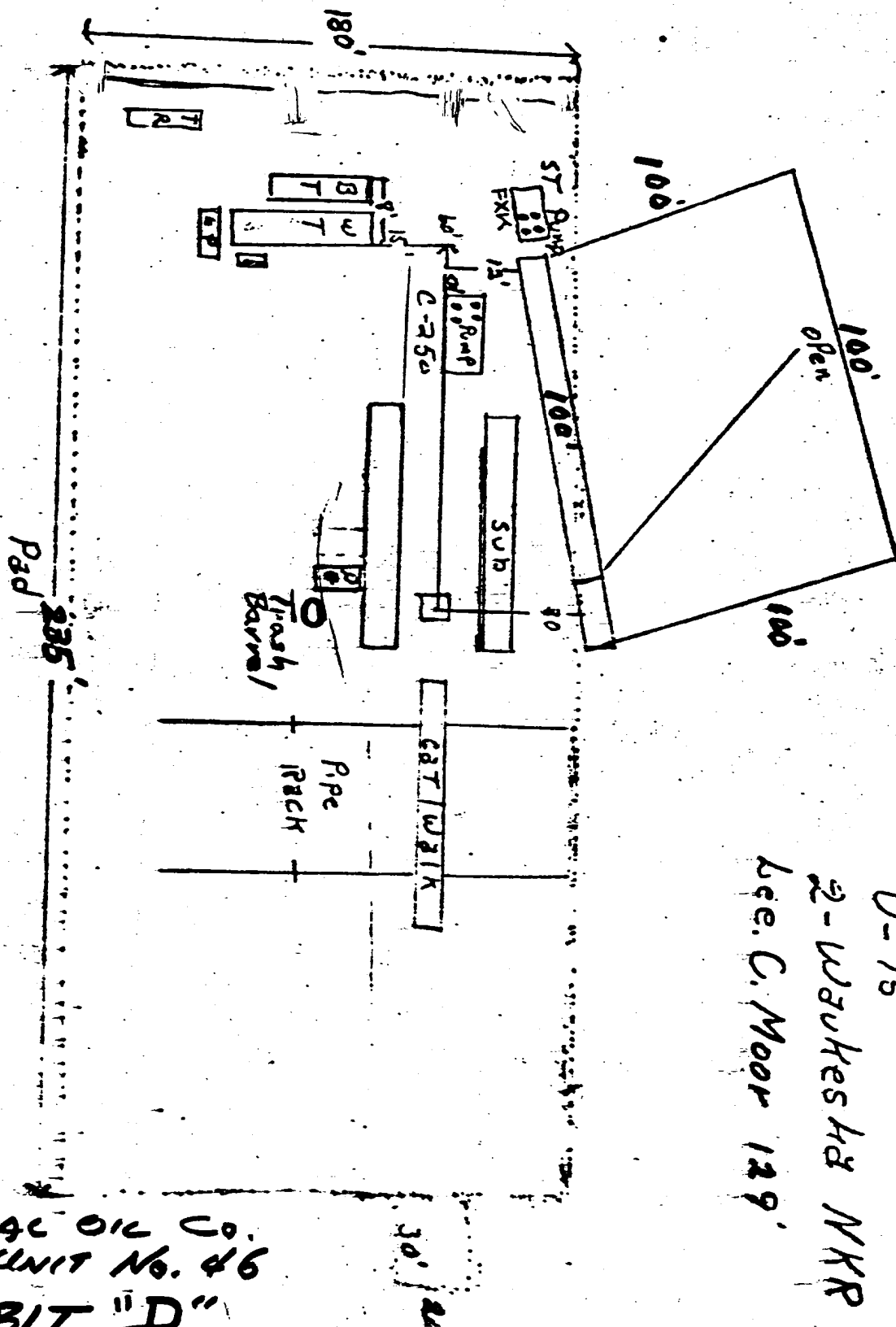
OIL COMMISSION COMM.
MEMO. H. M.

Hondo Rig #1

U-15

2-Walshes 42 NKR

Lee. C. Moor 129'



CONTINENTAL OIL CO.
WARREN UNIT No. 46
EXHIBIT "D"

OIL CONSERVATION COMM.
HUBBS, N. M.

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