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.: NM 02889

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

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

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: WIMBERLY

2. NAME OF OPERATOR: CONTINENTAL OIL COMPANY

9. WELL NO.: 7

3. ADDRESS OF OPERATOR: BOX 460, HOBBS, N.M. 88240

10. FIELD AND POOL, OR WILDCAT: Double X Delaware

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FSL & 1980' FWL OF SEC. 17
At proposed prod. zone: SAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 17, T-24S, R-37E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH: Lea — 13. STATE: N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
	680	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
	5100'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3607' GR

22. APPROX. DATE WORK WILL START*: 11-8-76

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	8⅝" New	24#	1250'	650 SX Circ.
7 7/8"	5½" New	14#	5100'	400 SX

IT IS Proposed to Drill a Straight hole to a TD of 5100' and Complete as an oil well in the Ramsey Zone (Delaware).
Mud Program: 0-1250' Fresh Water; 1250-5100' Salt Gel 9.0-10.0 #.
See Attached For B.O.P. Program.
See Attached Proposed well Plan For Formation TOPS, Logging, ETC.

Unless Drilling Operations have Commenced, this drilling approval Expires 3-5-77

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: Wm. A. Sutherland — TITLE: ADMIN. SUPV. — DATE: 10-13-76

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVED AS AMENDED
NOV 5 1976
BY
BERNARD MOROZ
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

USGS-6, File

Attachment to Form 9-331 C
Application for Permit to Drill

Continental Oil Company, Wimberly No. 7
660' FSL and 1980' FWL of Section 12, T24S, R32E
Lea County, New Mexico

1. The geologic name of the surface formation is Quaternary Sand.

2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.

3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are as follows:

   Santa Rosa SS 440' water
   Salado 1330' salt
   Lamar 4950' lime
   Ramsey 4995' oil

4. The proposed casing program is as follows:

   Surface new 8 5/8" 24# K55 STC set at 1250'
   Production new 5 1/2" 14# K55 STC set at 5100'

5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 PSI for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.

6. The proposed mud program is as follows:

0-1250' spud mud	8.5-9.0 pounds per gallon
1250'-5100' salt gel	9.0-10.0 pounds per gallon

7. The auxiliary equipment to be used is:

   (1) kelly cocks
   (2) floats at the bit

8. It is proposed to run 2" and 5" GR-BHC Sonic Logs from TD to 4400' and DIL from TD to 4800'.

9. No abnormal pressures or temperatures are expected to be encountered in this well.

10. The anticipated starting date for this well is November 8, 1976 with a duration date of approximately ten days.

NEW M[illegible]CO OIL CONSERVATION COMMISSION

WELL LO[illegible]ATION AND ACREAGE DEDICATION PL[illegible]

Form C-102
Supersedes C-128
Effective [illegible]-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
CONTINENTAL OIL COMPANY	Wimberly	7

Unit Letter	Section	Township	Range	County
N	12	24 South	32 East	Lea

Actual Footage Location of Well:
1980 feet from the west line and 660 feet from the south line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3607.4	Delaware	Double X Delaware	40 Acres

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

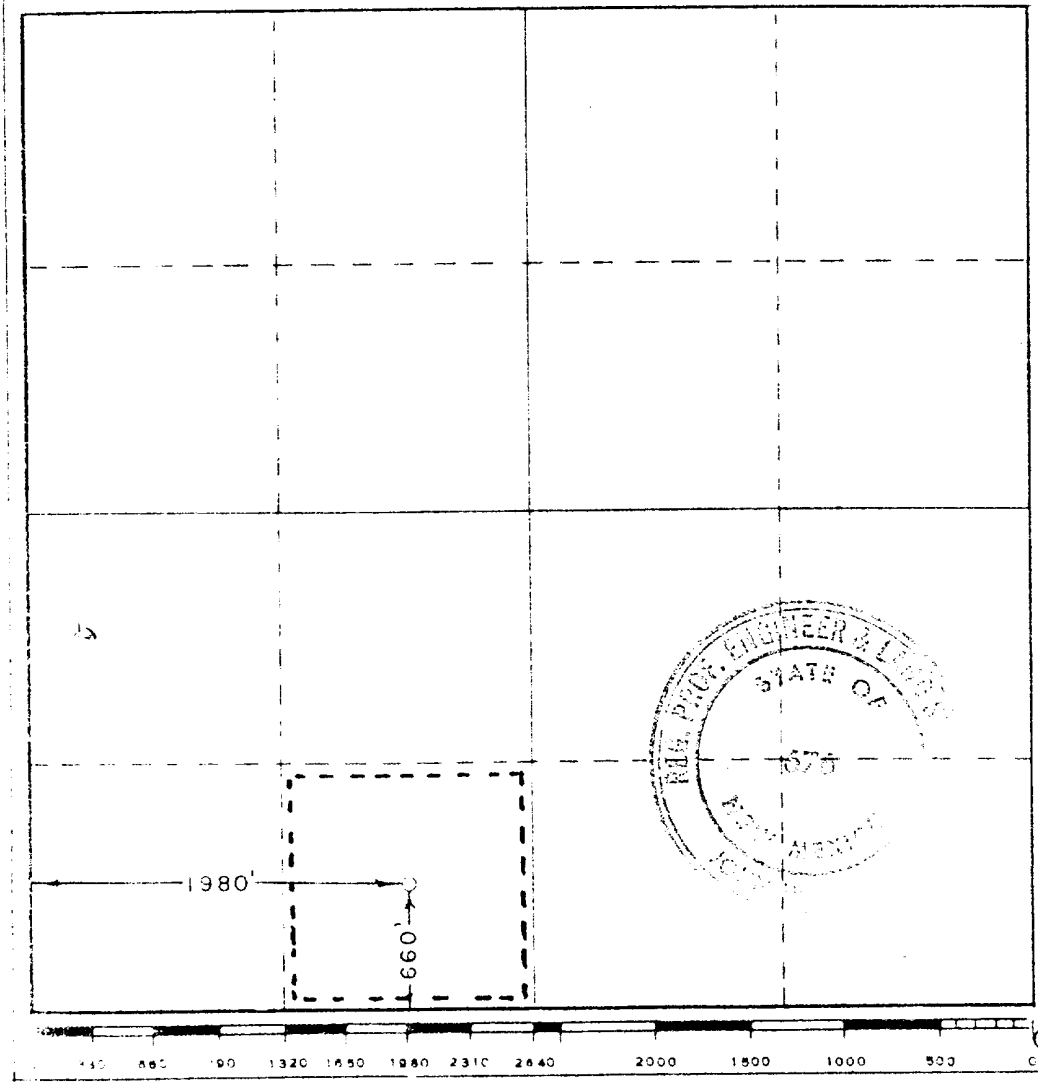
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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-pooling, 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: Wm. A. Butterfield
Position: ADMIN. SUPERVISOR
Company: Continental Oil Co
Date: OCTOBER 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

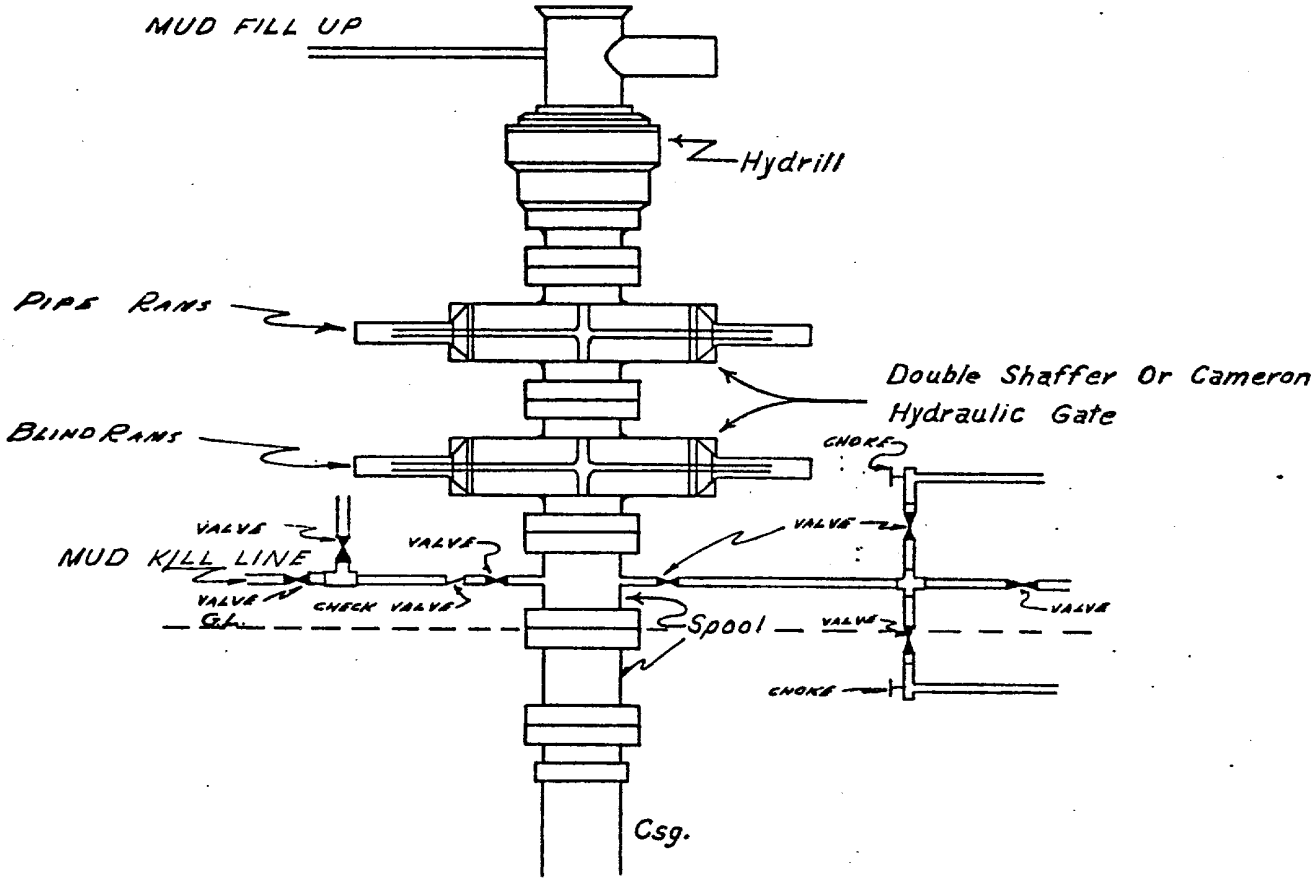
Date Surveyed: Sept. 19, 1976

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. 676

CONTINENTAL OIL COMPANY
Blow-out Preventer Specifications



API Series 900

NOTE:

Manual and Hydraulic controls with closing unit no less than 75' from well head. Remote controls on rig floor.

DUE TO SUBSTRUCTURE CLEARANCE, HYDRILL MAY OR MAY NOT BE USED.

WIMBERLY NO. 7

WELL NAME: Wimberly No. [illegible]

COUNTY: [illegible]

LOCATION: 660' FS & 1980' FW, Sec. 12, T-24S, R-32E

STATE: New Mexico

3594' est. grd.
3605 est. DF

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING New SIZE	CASING New DEPTH	FRACTURE GRADIENT	FORMATION PRESSURE GRADIENT	MUD WEIGHT	MUD TYPE
	Quaternary Sand - Surface Santa Rosa 55 240 Wtr. Base Santa R. 55 440 Wtr.									
	Rustler 1200 Red Bed Salado 1330 Salt			12-1/4	8-5/8	1250			8.5 9.0	Fresh Water
	Lamar 4950 Lime Ramsey 4995 Oil TD 5100 (Includes 45' shoe jt.)	Minor lost circ in Ramsey	Logs 2" & 5" GR-BHC Sonic TD 4400 DIL TD - 4800'	7-7/8	5-1/2	5100	12.0 13.0	Less than 8.5	9.0 10.0	Brine & Salt Gel

Date [illegible]

Prepared by: [illegible]

Approved [illegible]

SURFACE USE PLAN
Continental Oil Company, Wimberly No. 7
660' FSL and 1980' FWL of Section 12, T-24S, R-32E
Lease NM02889, Lea County, NM

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 30 miles on a direct line southwest of Eunice, 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 1980' FWL of Section 12, T-24S, R-32E, 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 maps from Eunice, New Mexico are as follows: from the blinking light at Conoco station in Eunice, travel 2.5 miles south; turn west on Delaware Basin Road and go 32.2 miles to Highway No. 128; turn west and travel 4.9 miles; turn northwest on caliche road and go 2.3 miles and turn west .4 mile, turn south .2 mile, turn west .2 mile, turn south .4 mile and the location road stakes are on the west side of the road.

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 feet wide and 1,800 feet long. This new road is labeled and color coded on Exhibits "B" and "C". (staked)

B. Turnouts: Two passing turnouts will be constructed; 1-10'x30' 600' east of the well site; 1-10x30' 1200' east of the well site.

C. Drainage Design: New road will have a drop of 6 inches from center line on each side.

D. Culverts, Cuts and Fills: Culverts - None. The location cut will be 3' x 100' x 100' east to west. The cut from stake east will be 3' x 100' x 75'.

E. Surfacing Material: Six inches of caliche, bladed, watered and compacted.

F. Gates, Cattleguards, Fences: One cattleguard will be installed in fence approximately 5,000' northeast of the well site on existing road.

G. The proposed road is staked.

3. Location of Existing Wells:

See Exhibit "D"

4. Location of Existing and/or Proposed Facilities:

A. Tank Batteries:

The existing tank battery is located in the NE/4 of Section 12 and located on Exhibit "D".

B. Producing Facilities: No additional producing facilities are required.

C. Oil Gathering Lines:

The flowline will follow the road to the tank battery (not buried) as shown on Exhibit "D".

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 fresh water will be hauled from Carl Johnson Water Station in Section 16, T-24S, R-33E on the north side of Highway 128. The salt water will be hauled from Teleydene Water Station approximately 7 miles east of Loving on side of Highway 128.

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 NW/4 NE/4 of Section 7, T-24S, R-32E as shown on Exhibits "B" and "C".

B. Caliche to be purchased from BLM by the dirt contractor.

C. The caliche to be hauled, from the location, go 1800' east; north .4 mile; east .2 mile; north .2 mile; east .4 mile; south .2 mile and the pit is on the east side of 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 "E" 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 "E" 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 - Mesquite; grass; chinery

d. Surface Use - Grazing

e. Ponds and Steams - None within one mile

f. Water Wells - Four miles west of location

g. Residences and Buildings - Four miles west of location

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:

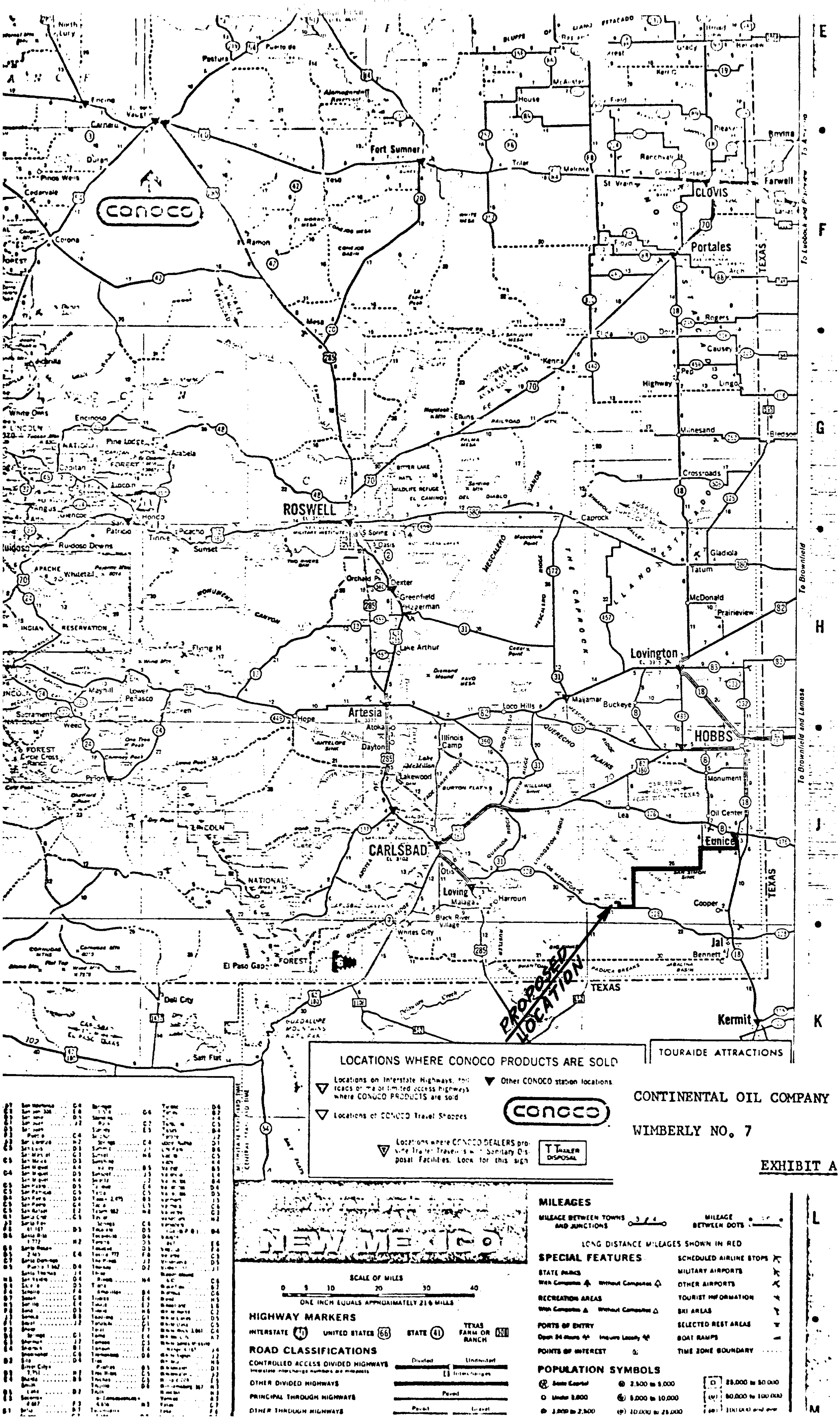
Production and Drilling
C. R. Paschal, D. A. Sowers or D. S. Anderson
1001 North Turner
Hobbs, New Mexico 88240
Phone: 393-4141

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.

10-14-76
Date

Dan Anderson
D. S. Anderson
Senior Foreman

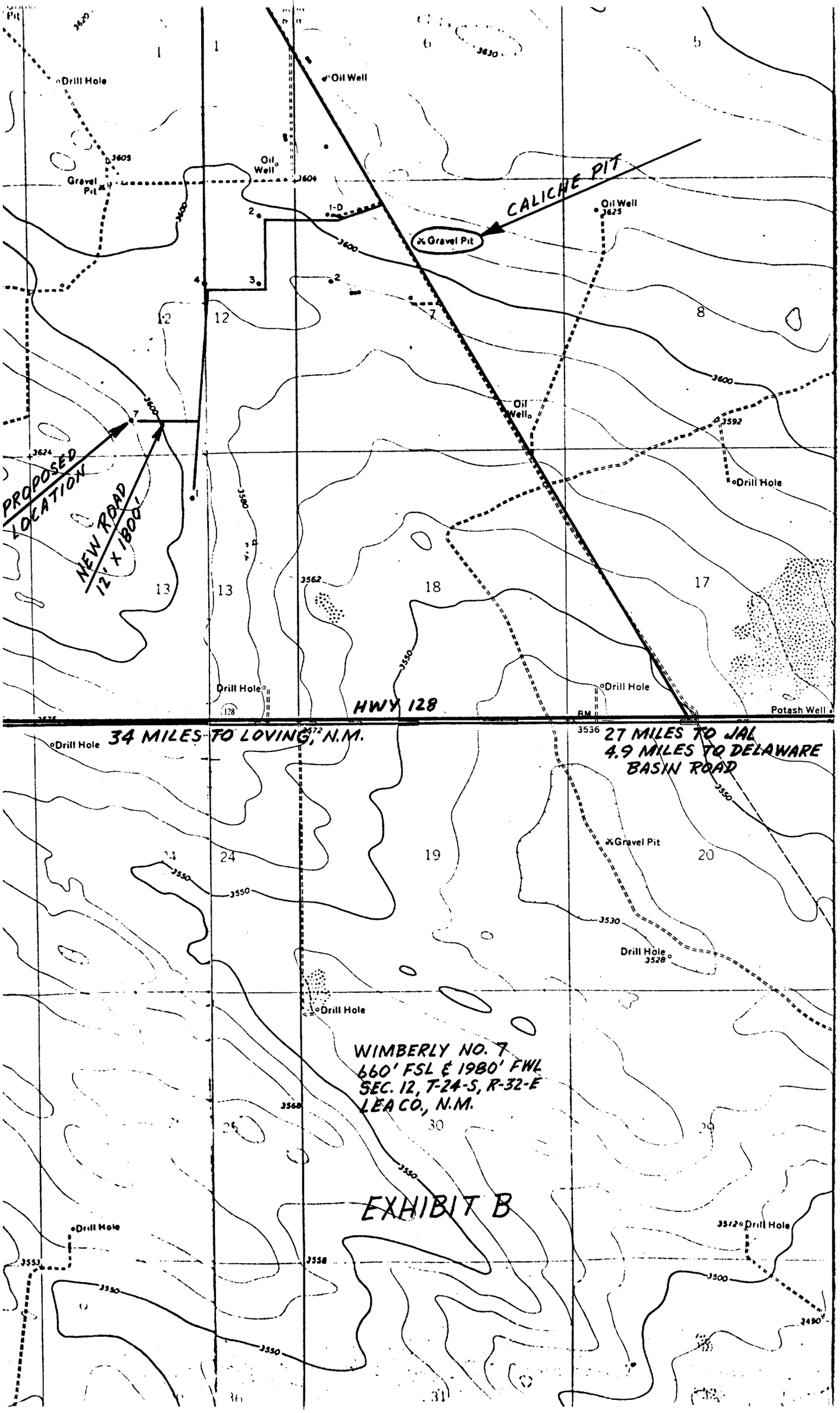
rej

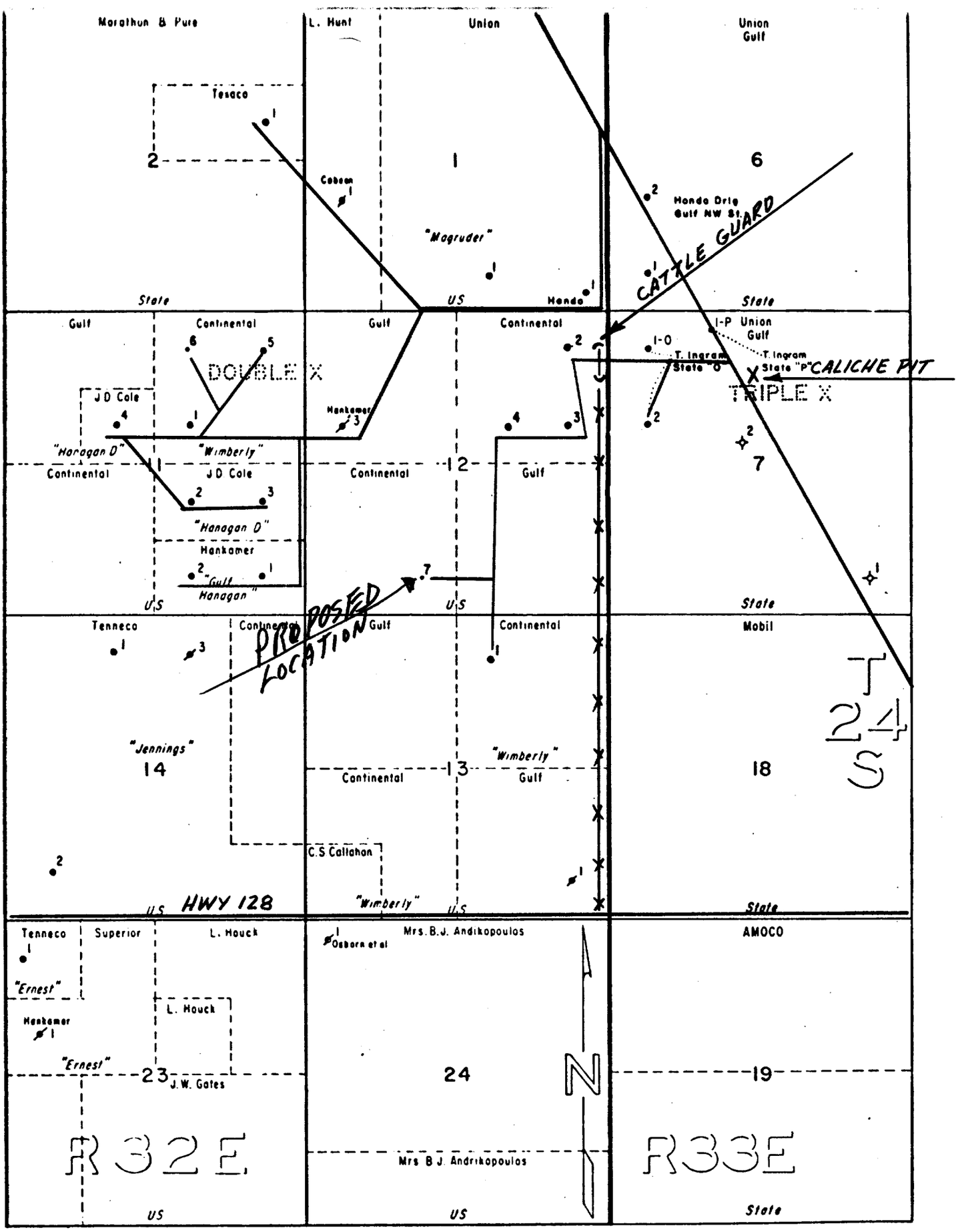


CONTINENTAL OIL COMPANY

WIMBERLY NO. 7

EXHIBIT A


CALICHE PIT
PROPOSED LOCATION
NEW ROAD 12' X 1800'
HWY 128
34 MILES TO LOVING, N.M.
27 MILES TO JAL
4.9 MILES TO DELAWARE BASIN ROAD
WIMBERLY NO. 7
660' FSL & 1980' FWL
SEC. 12, T-24-S, R-32-E
LEA CO., N.M.
EXHIBIT B
Drill Hole
Oil Well
Gravel Pit
Potash Well



WIMBERLY NO. 7
660' FSL & 1980' FWL
SEC. 12, T-24-S, R-32-E
LEA CO., N.M.

- EXISTING CALICHE ROADS
- NEW ROAD
- HIGHWAY 128
- CATTLE GUARD
- FENCE
- CALICHE PIT

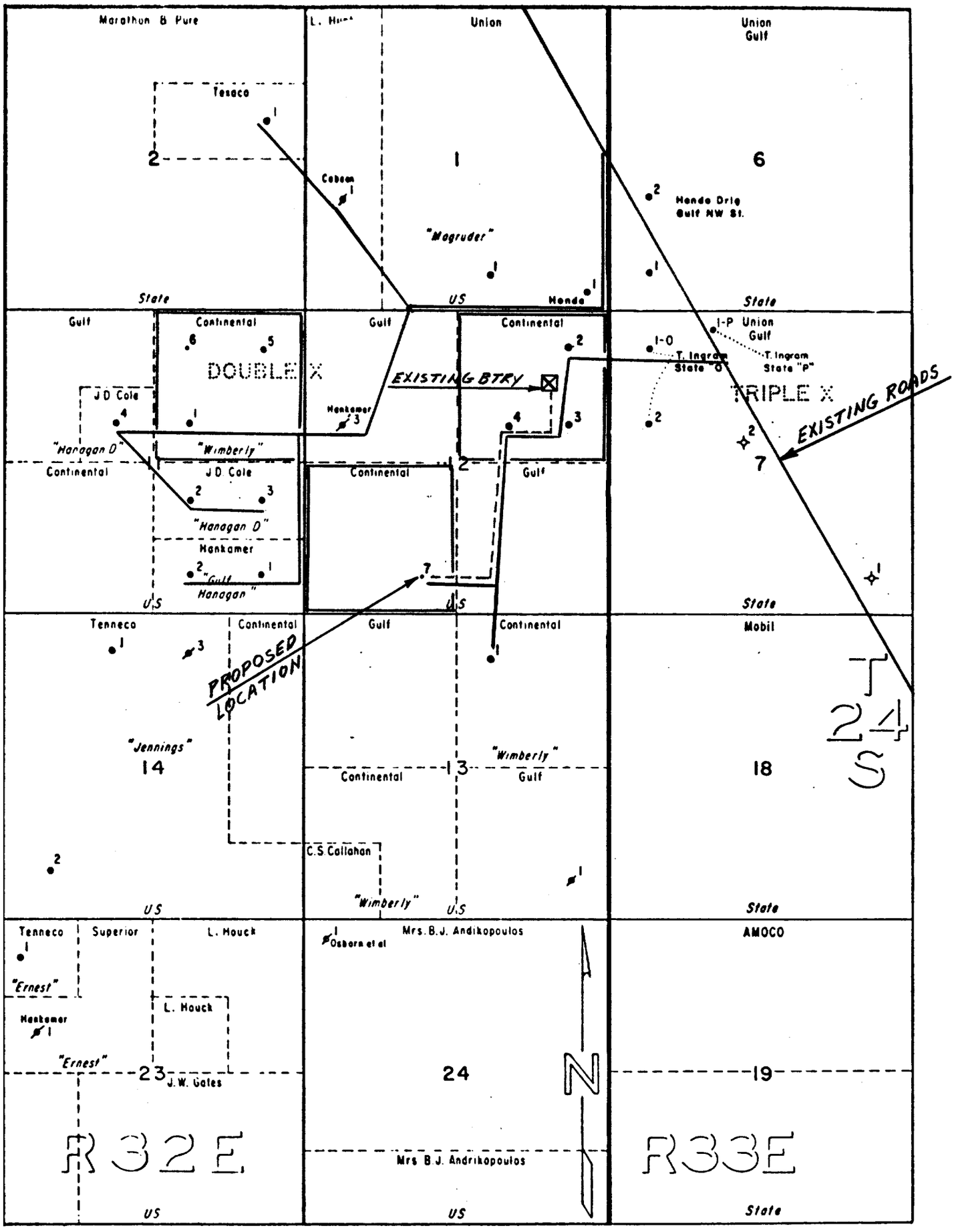
conoco

PRODUCTION DEPARTMENT — HOBBS DIVISION

LEA COUNTY, NEW MEXICO
TRIPLE X DELAWARE

SCALE
0 1000' 2000'

EXHIBIT C



WIMBERLY NO. 7

——— EXISTING ROADS
——— NEW ROAD
- - - PROPOSED FLOWLINE
——— WIMBERLY LEASE
⊠ EXISTING TANK BTRY

EXHIBIT D

conoco

PRODUCTION DEPARTMENT — HOBBS DIVISION

LEA COUNTY, NEW MEXICO
TRIPLE X DELAWARE

SCALE
0' 1000' 2000'

drw

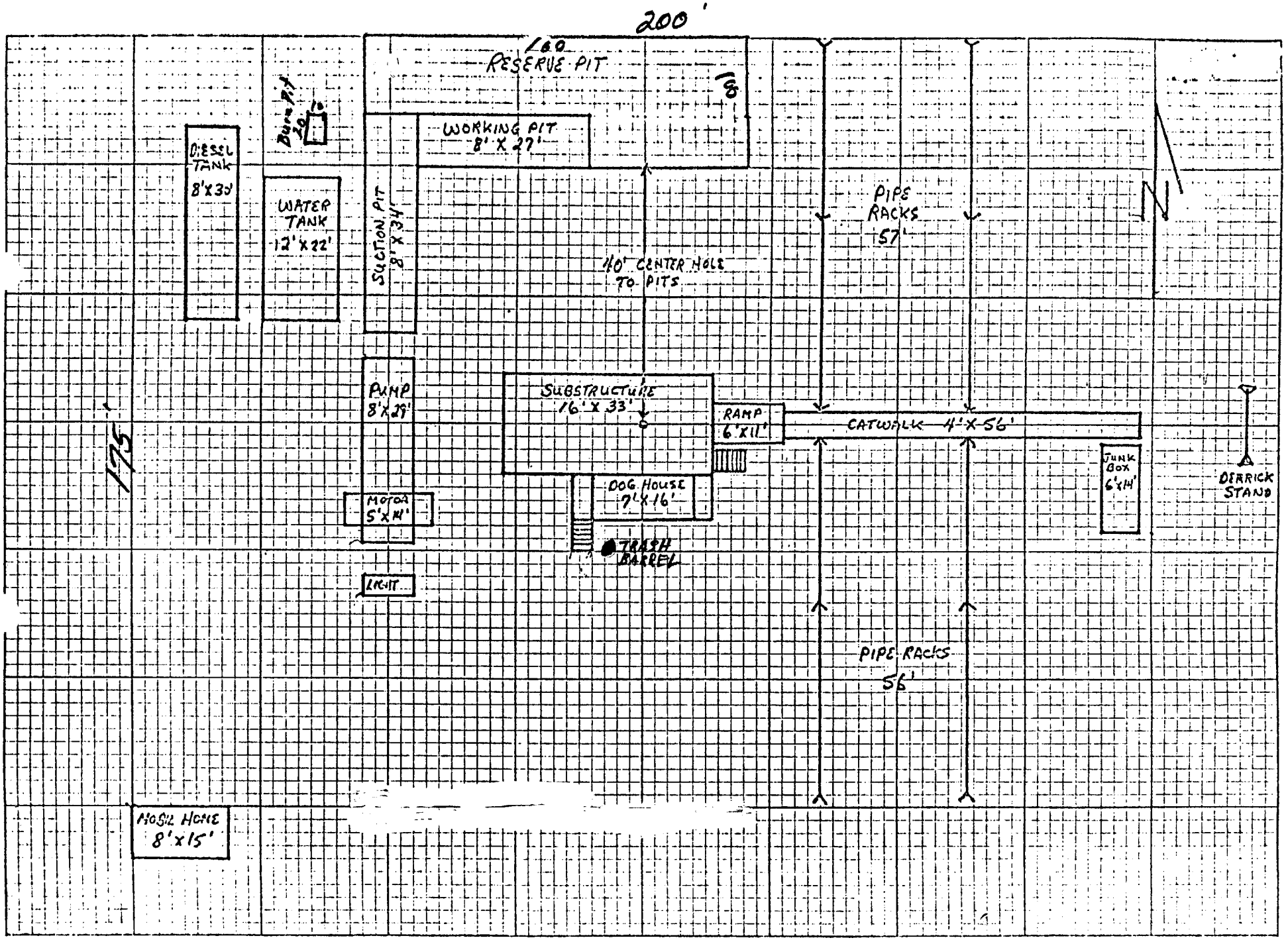


EXHIBIT "E" WIMBERLY NO. 7 CONTINENTAL O.I CO.

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

HOBBS DISTRICT

Continental Oil Co.
No. 7 Wimberly
SE¼SW¼ sec. 12-24S-32E
Lea County, 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. After hours & weekends, call C. L. Coshow 393-8244

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.